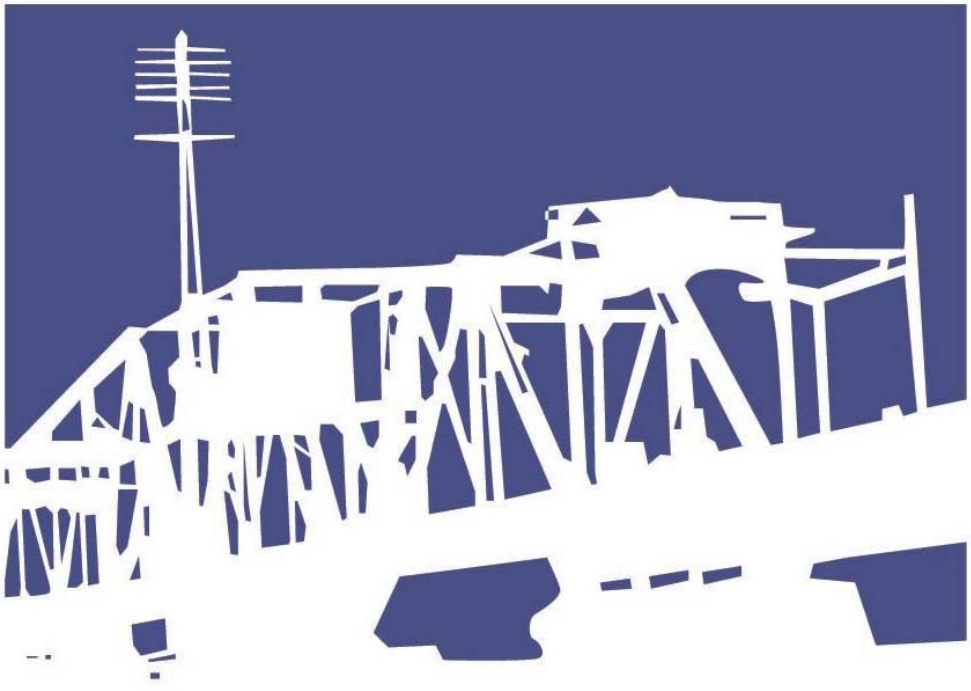


PORTAL BRIDGE

CAPACITY ENHANCEMENT PROJECT

Final Environmental Impact Statement
and Final Section 4(f) Evaluation

Appendix Volume 1

Appendix A - Engineering Alignments

October 2008

U.S. Department of Transportation
Federal Railroad Administration

NJTRANSIT
The Way To Go.

Appendix A: Engineering Alignments

APPENDIX A: Engineering Alignments

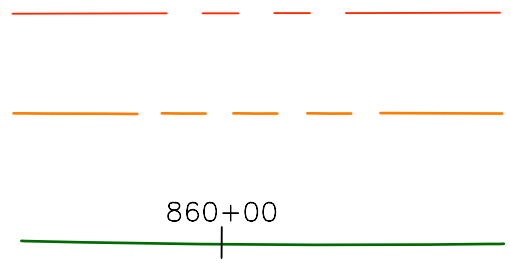
A-1: Plans

A-2: Profile

A-3: Preferred Alternative

Note: Profiles are provided for Alternatives DE, DS and FS only as they represent the range of highest and lowest structural elevations.

GENERAL LEGEND



EXISTING PROPERTY LINES

EXISTING ROW

PROPOSED CENTERLINE TRACK

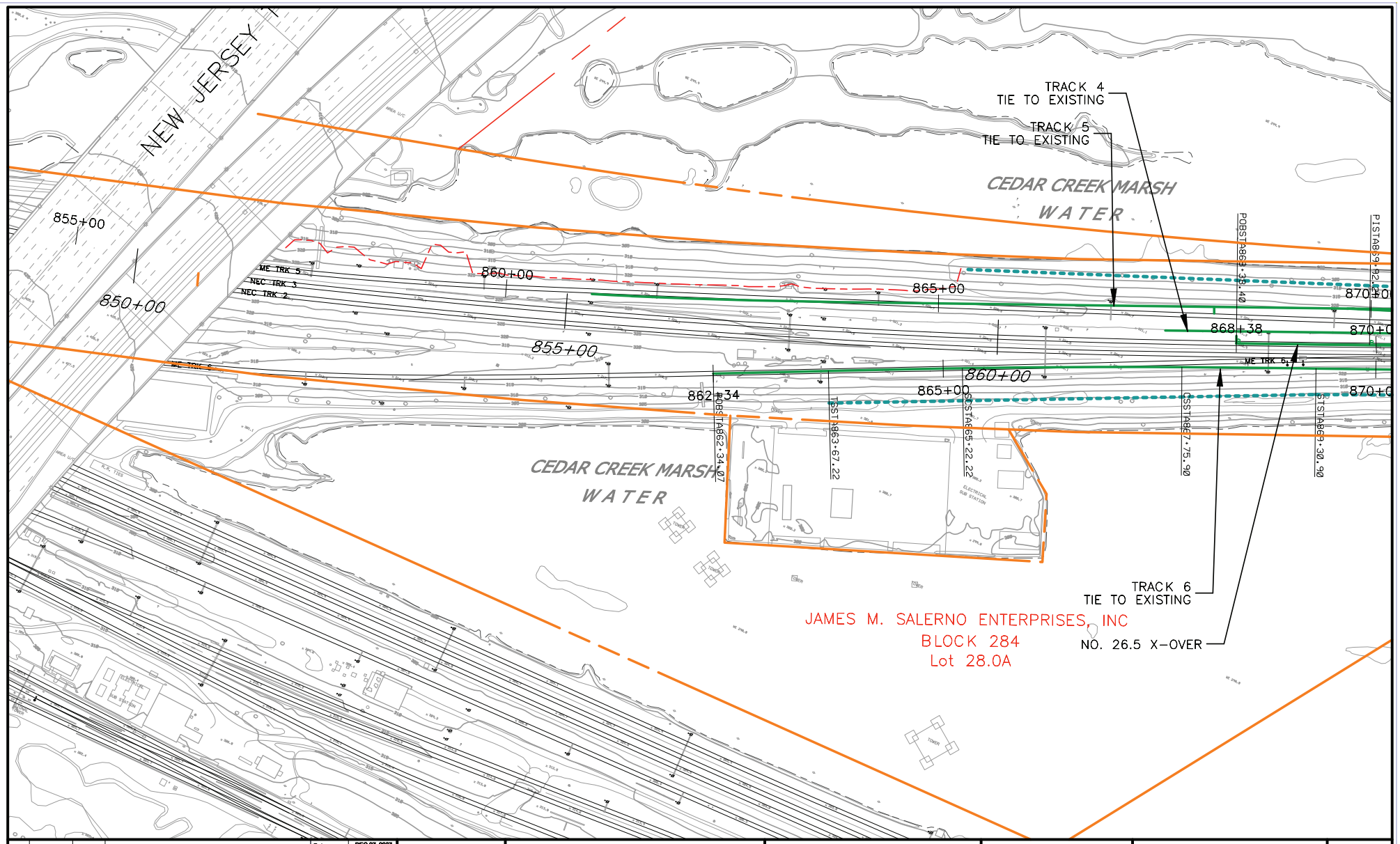
ESTIMATED TOE OF SLOPE

ESTIMATED REQUIRED ROW

SUGGESTED RETAINING WALL SYSTEMS

Appendix A-1: Engineering Alignments (Plan View)

Alternative DS



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CAPACITY ENHANCEMENT

ALTERNATIVE DS

ALTERNATIVE ON
SOUTHERN ALIGNMENT

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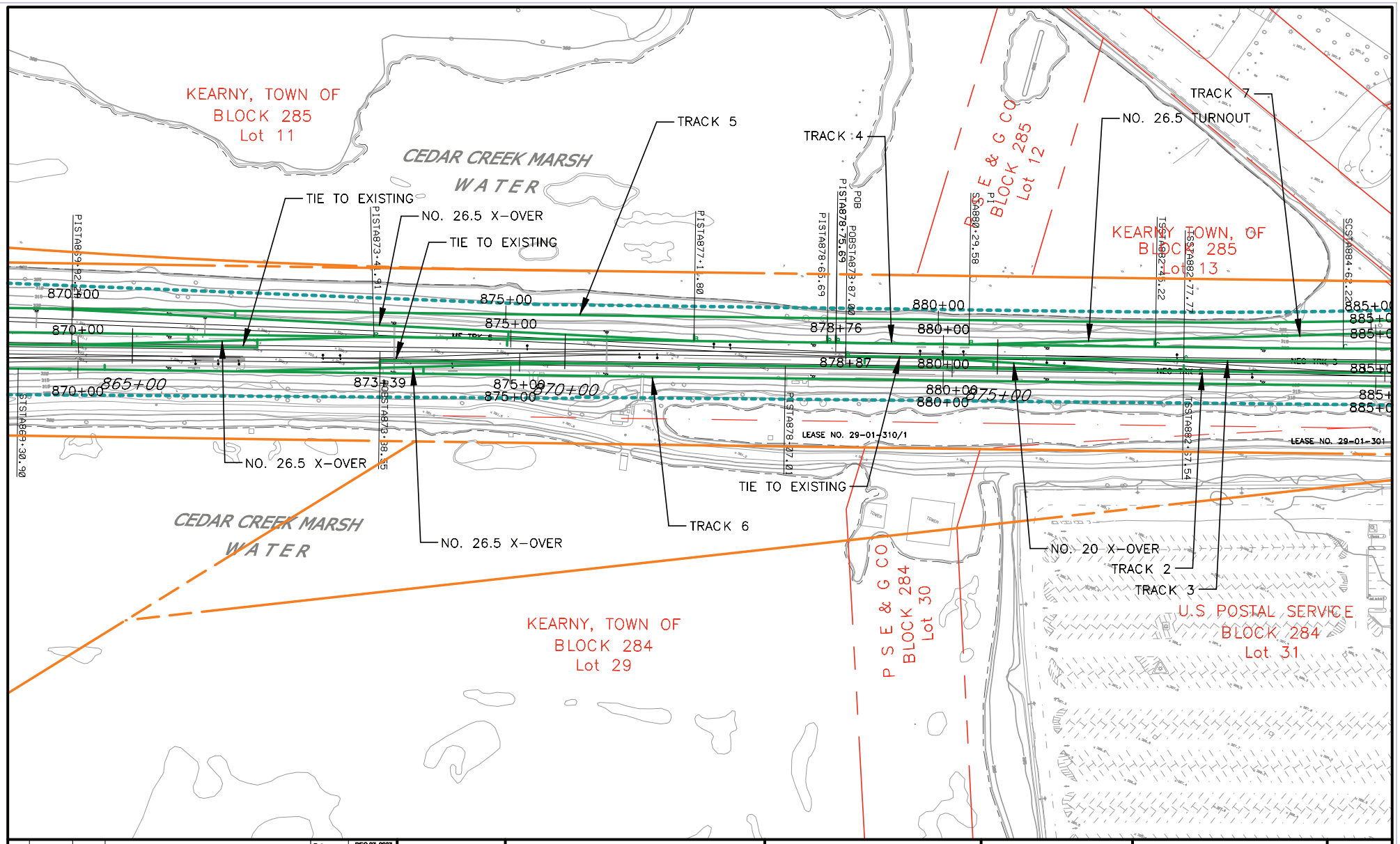

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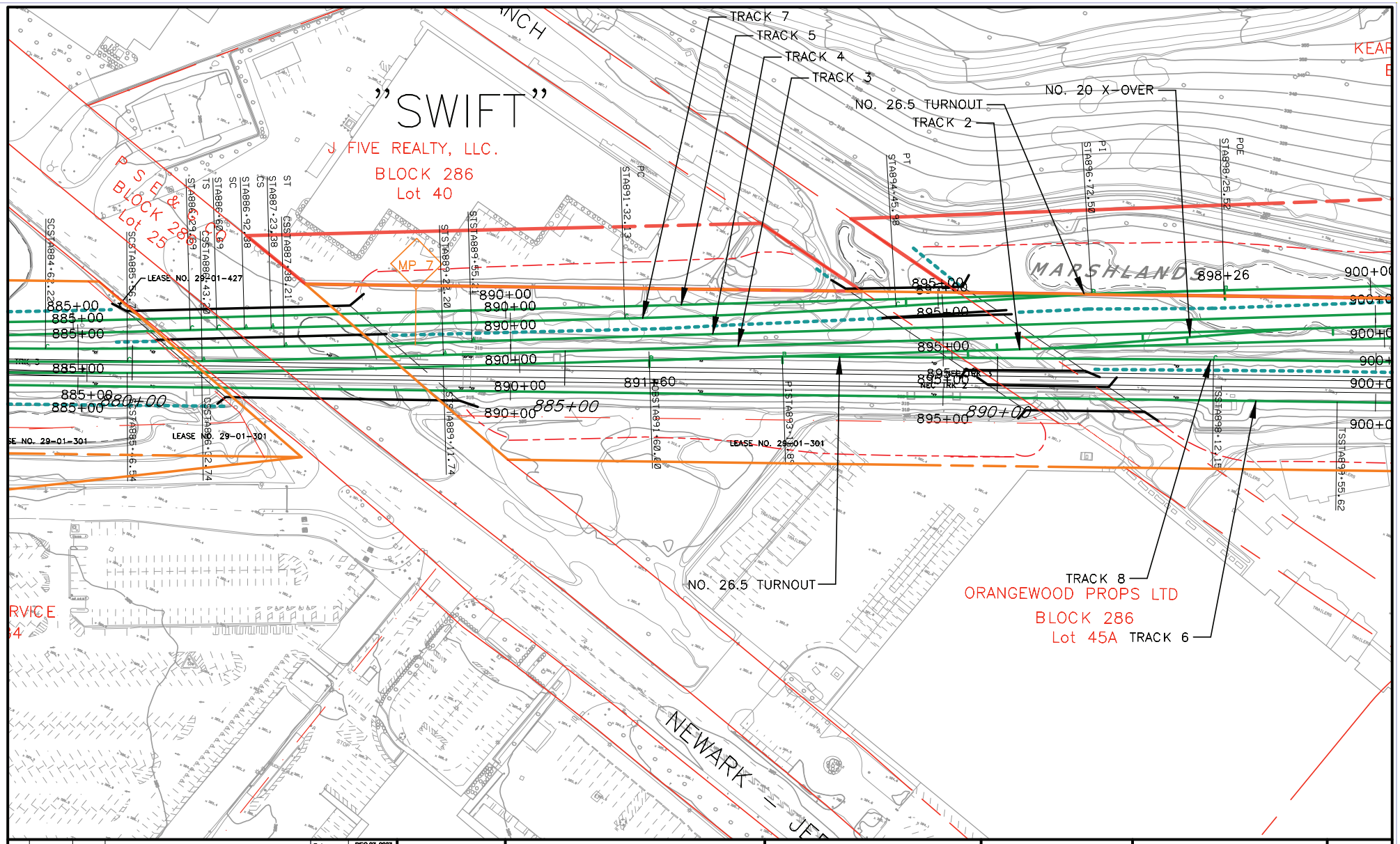

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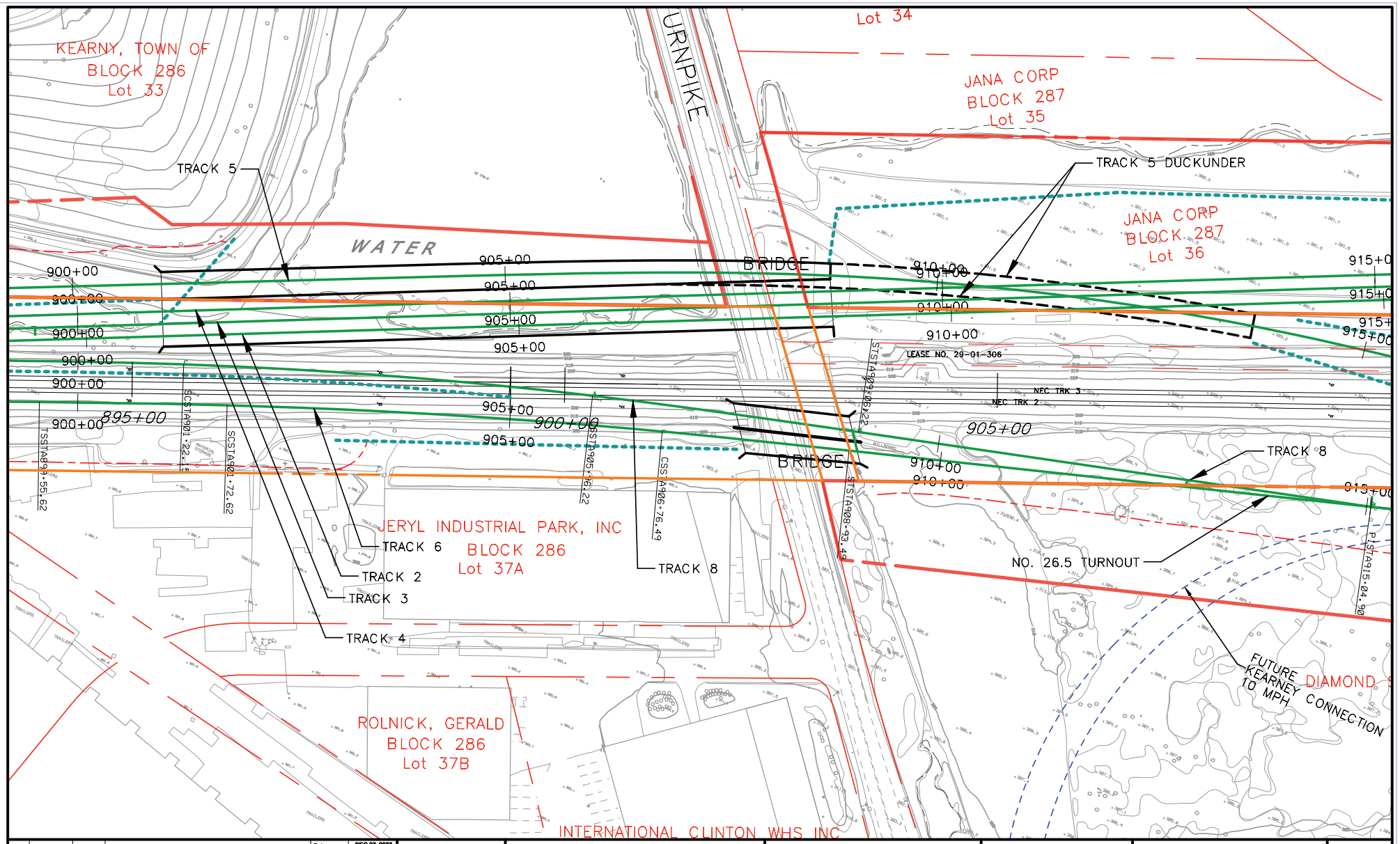

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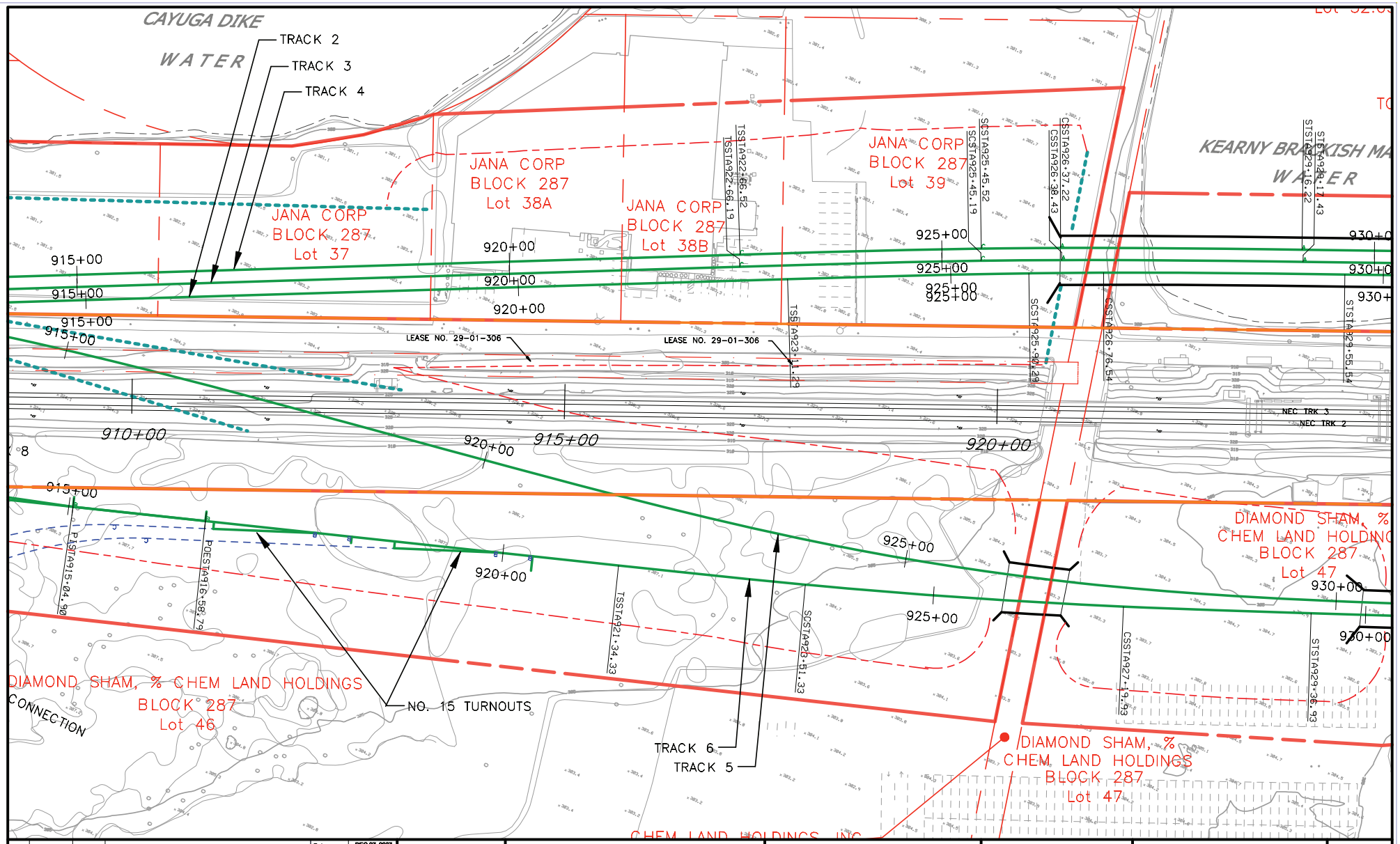

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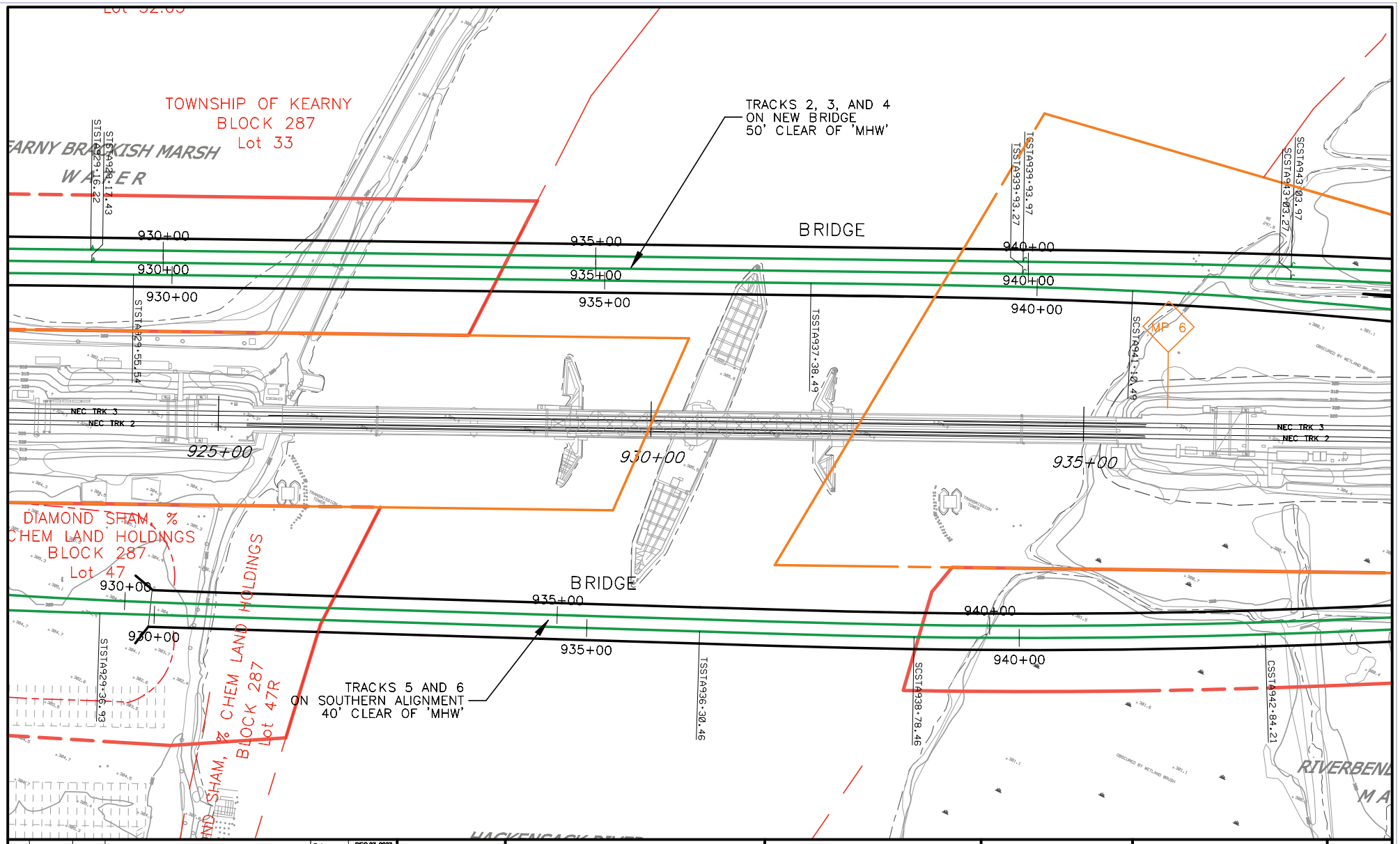

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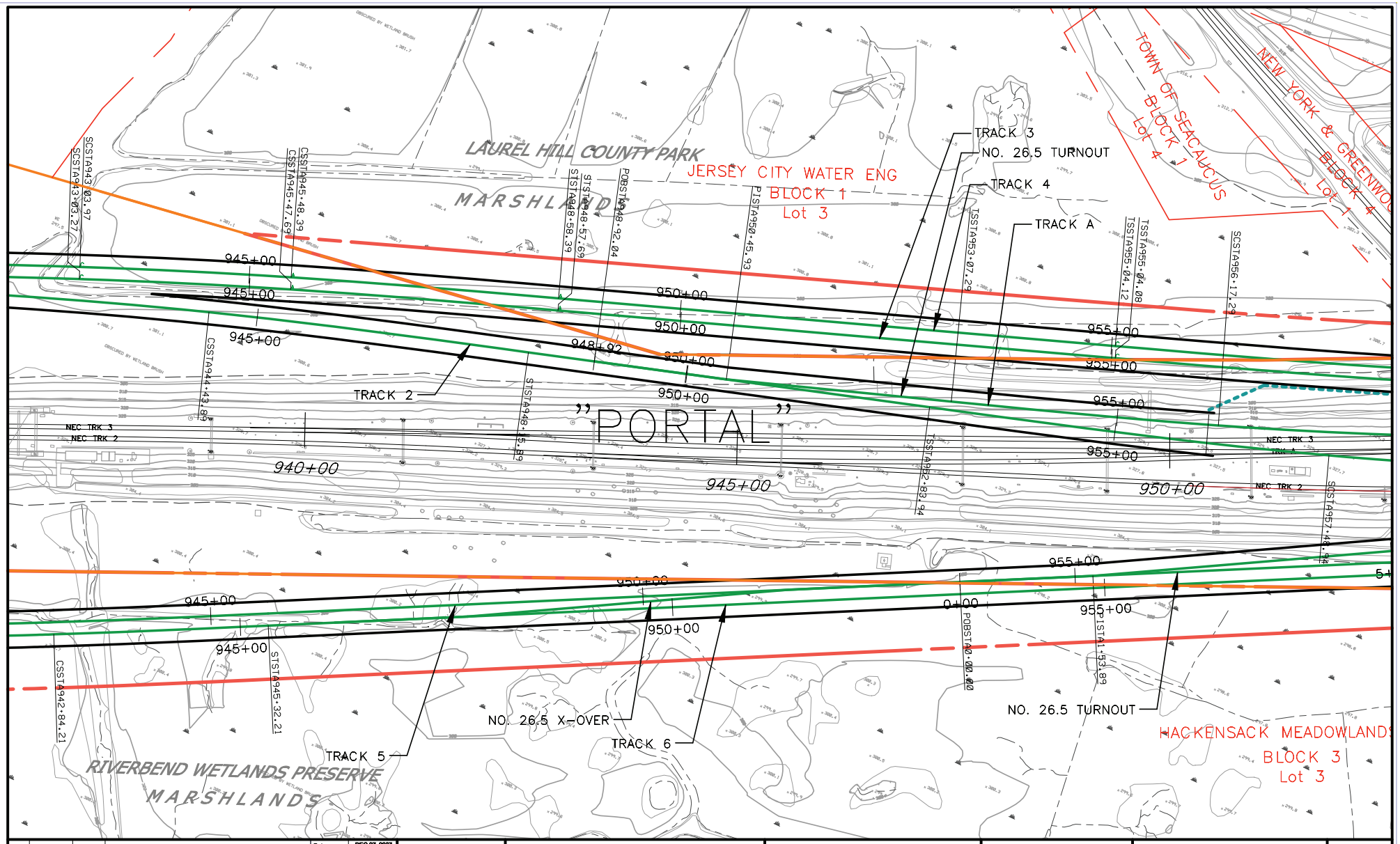

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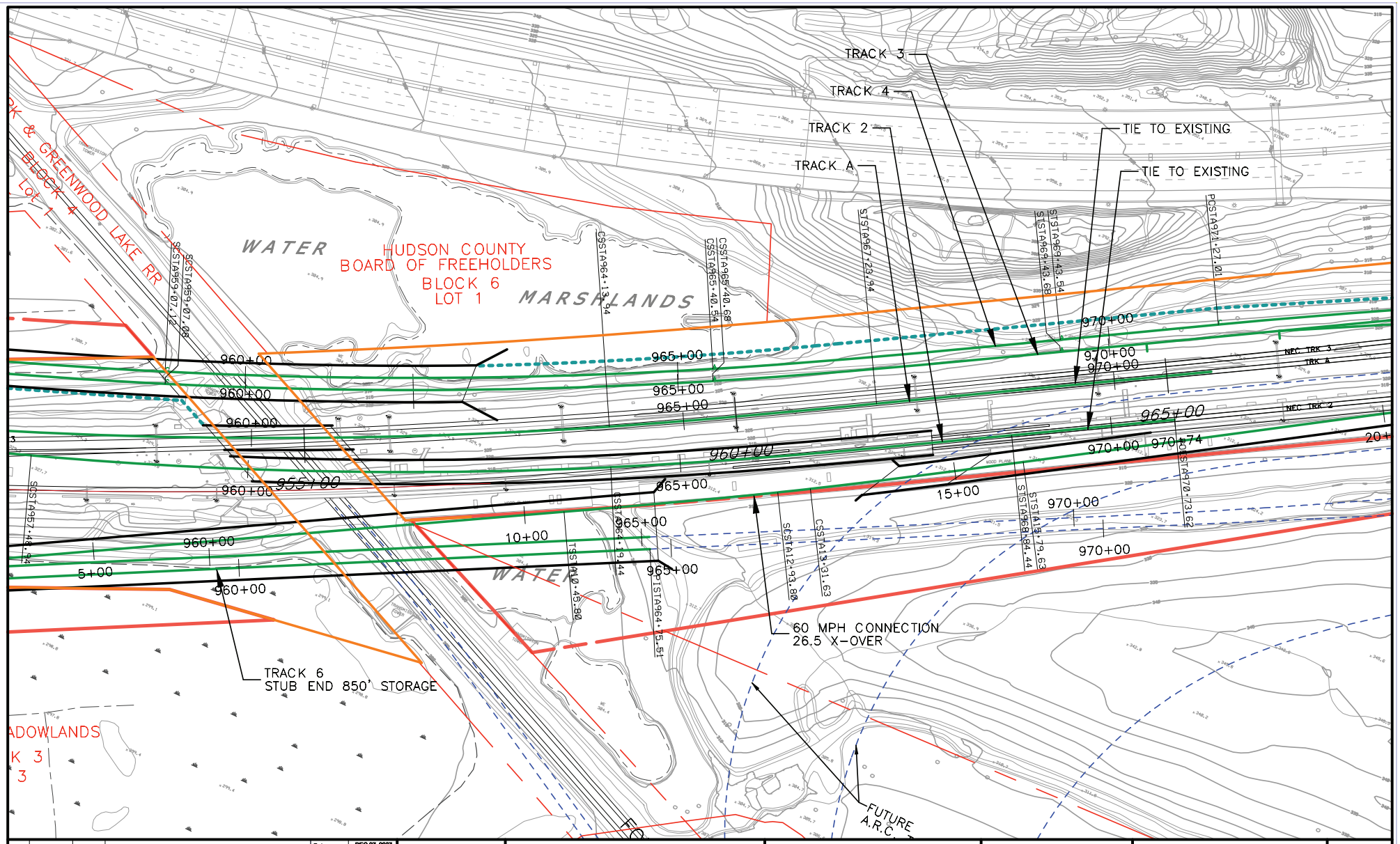

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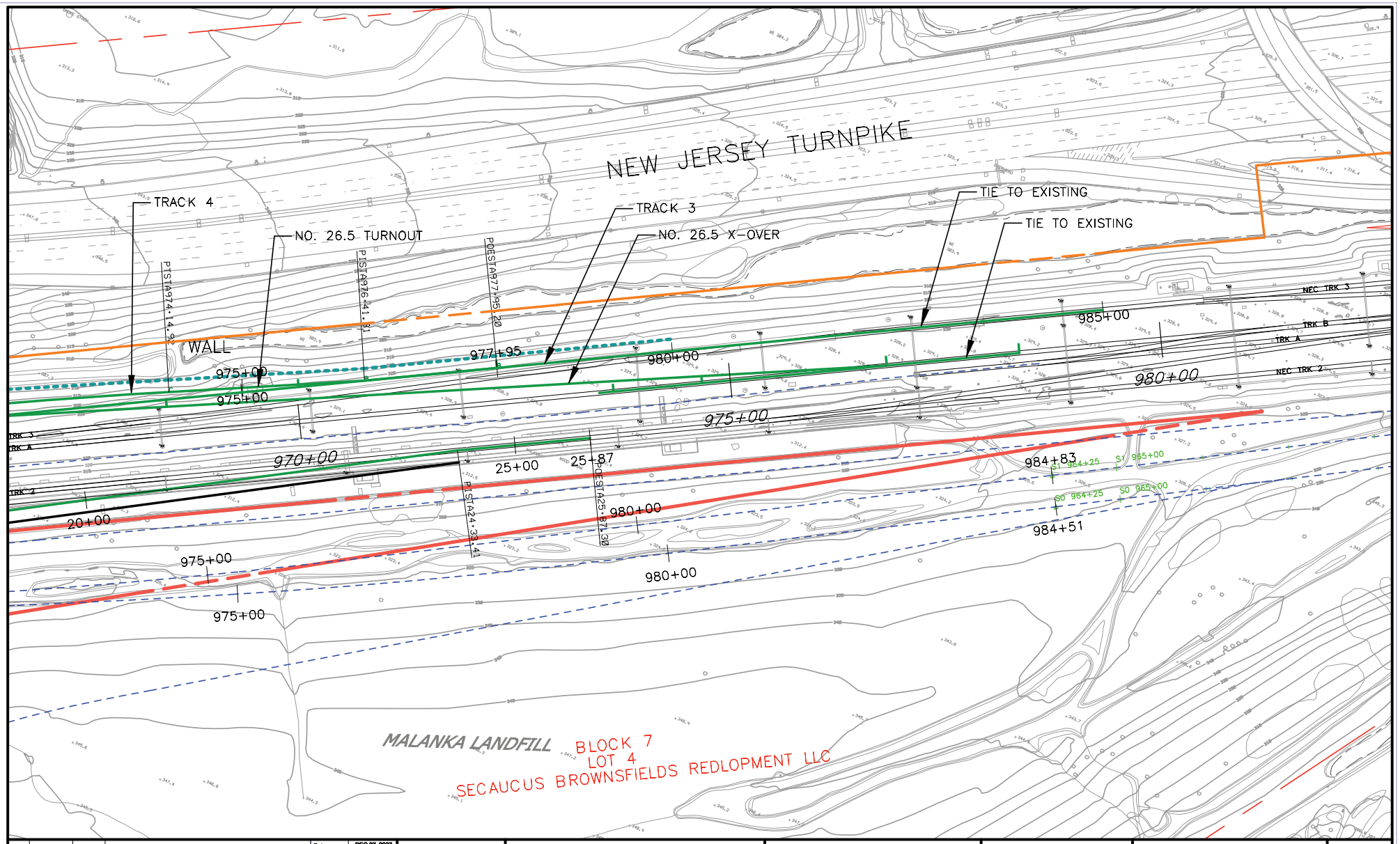

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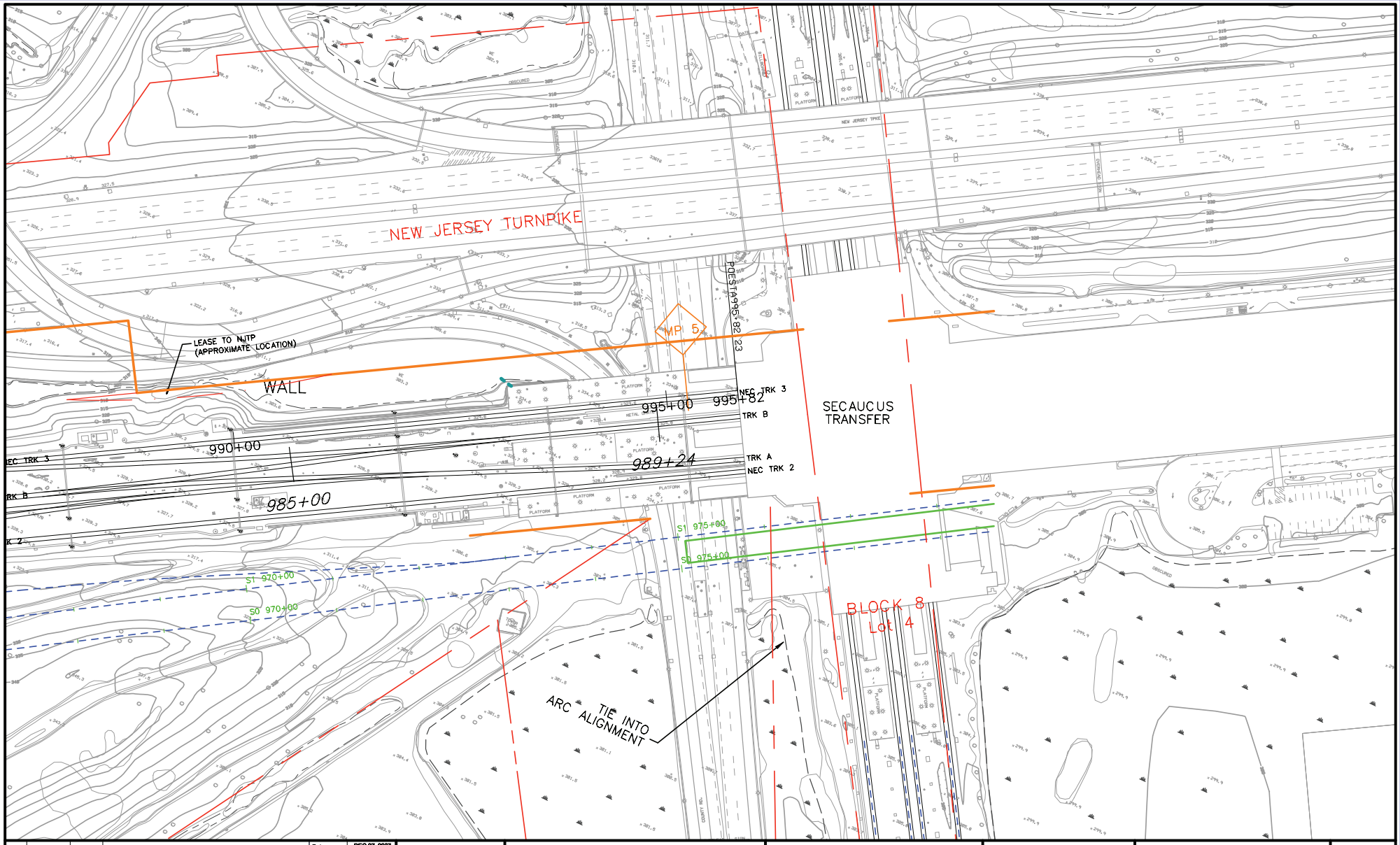

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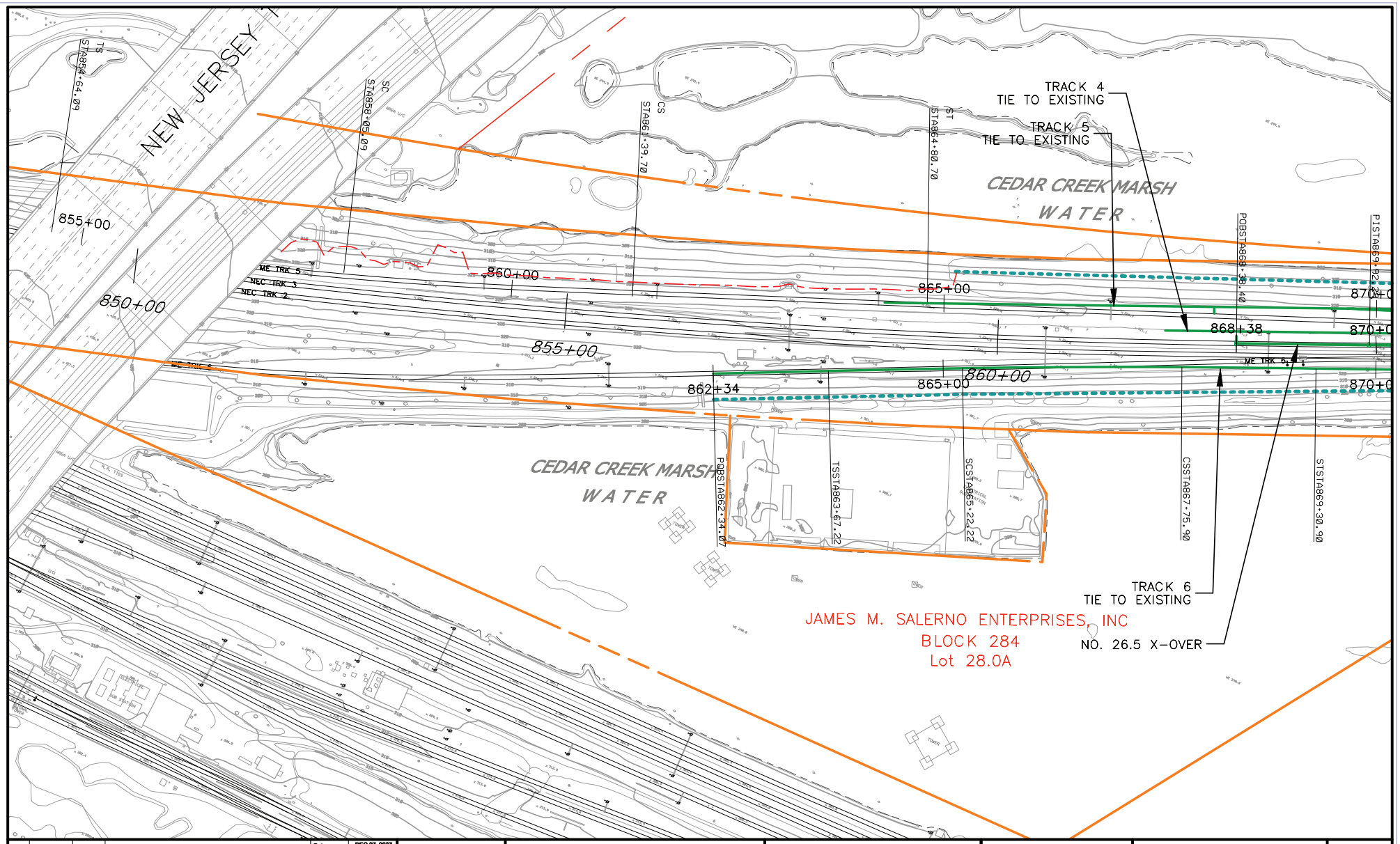

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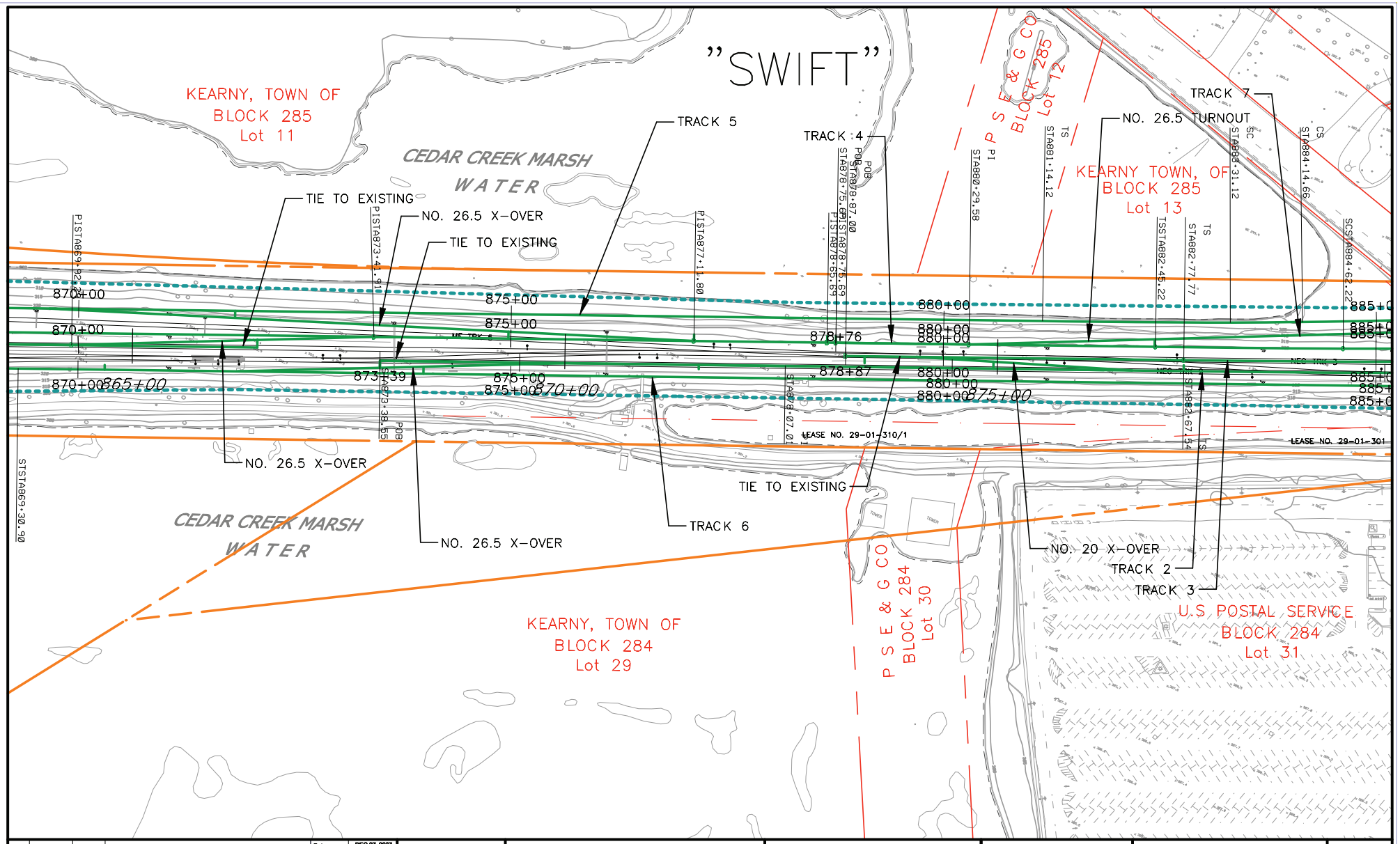

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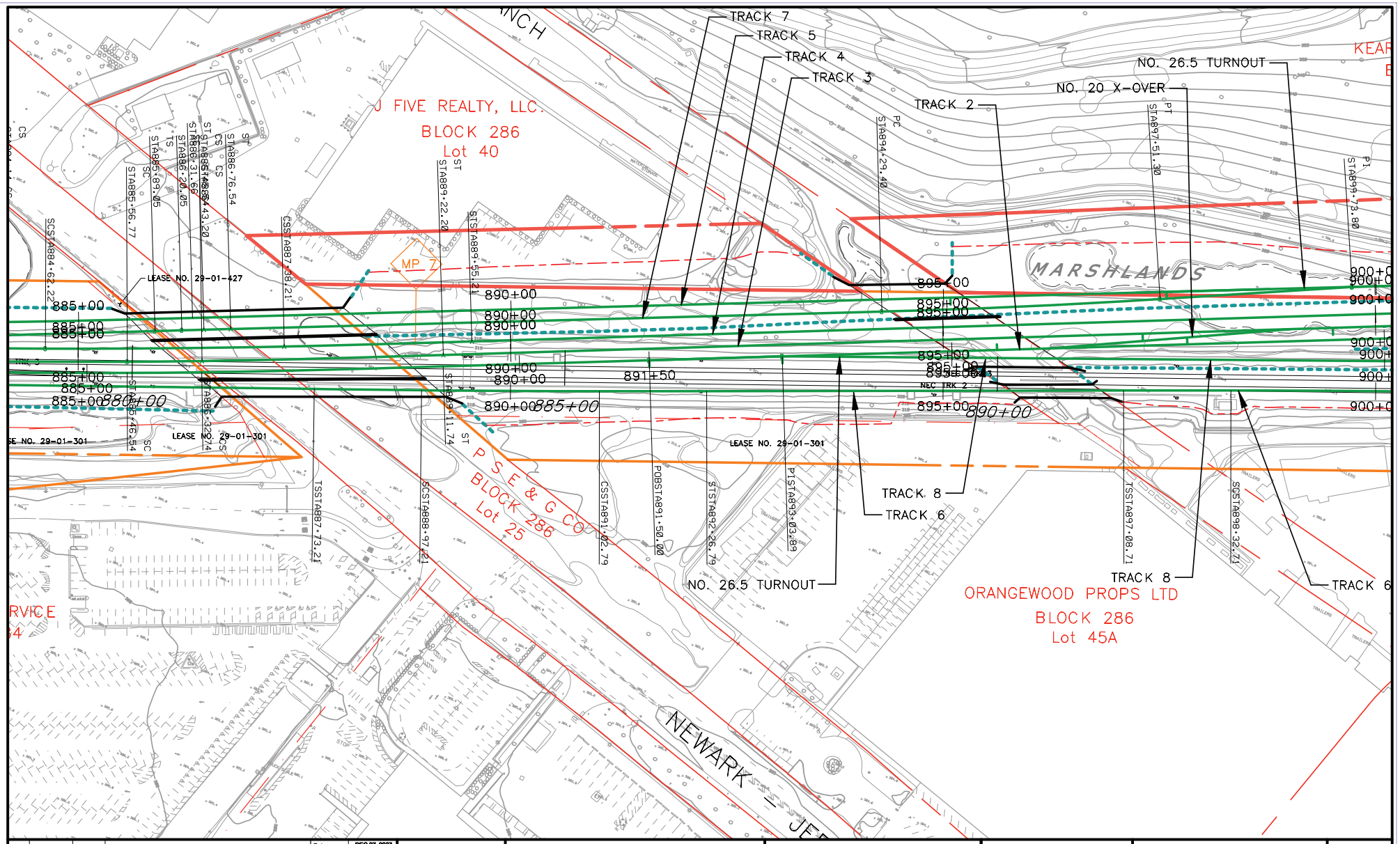

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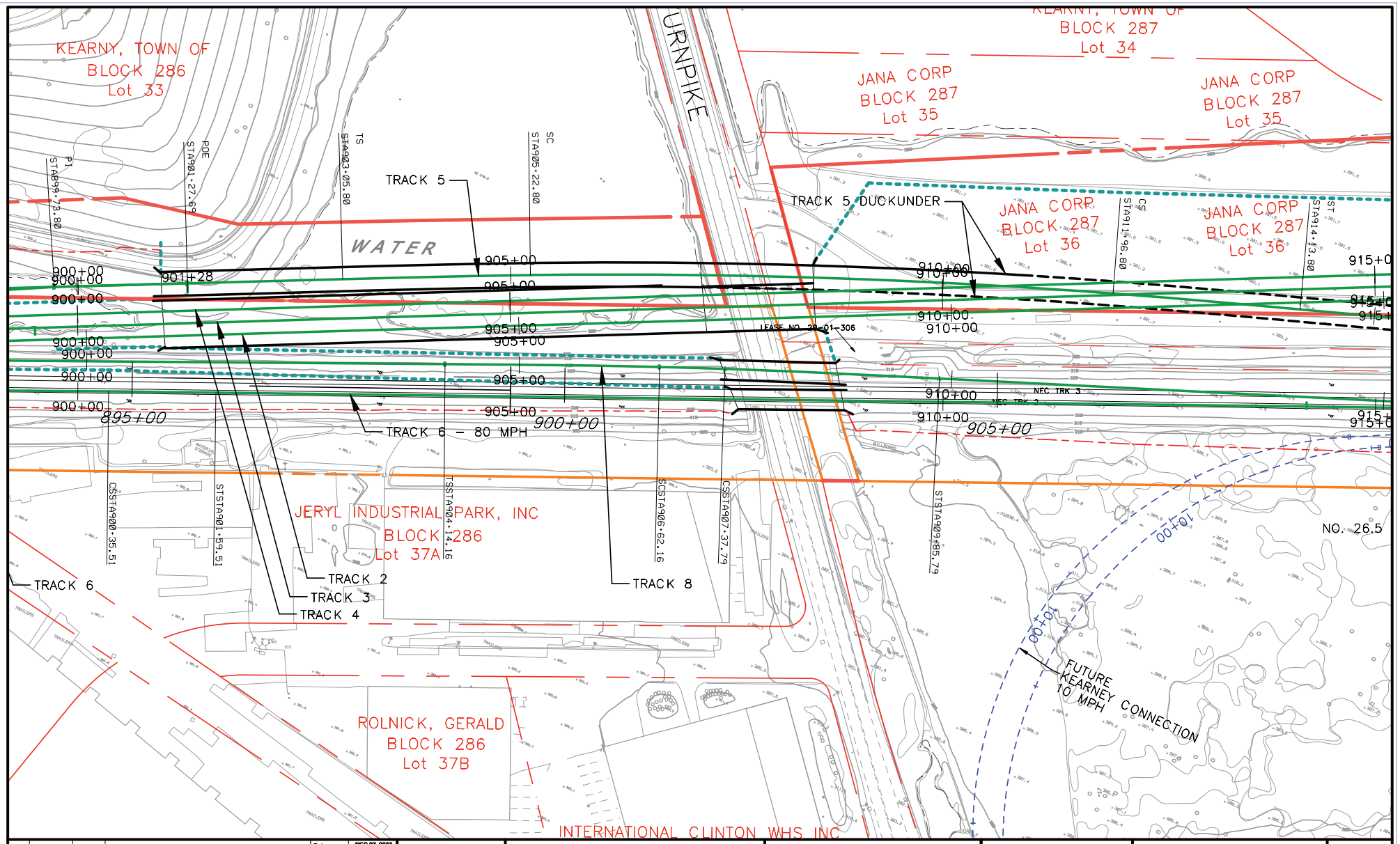

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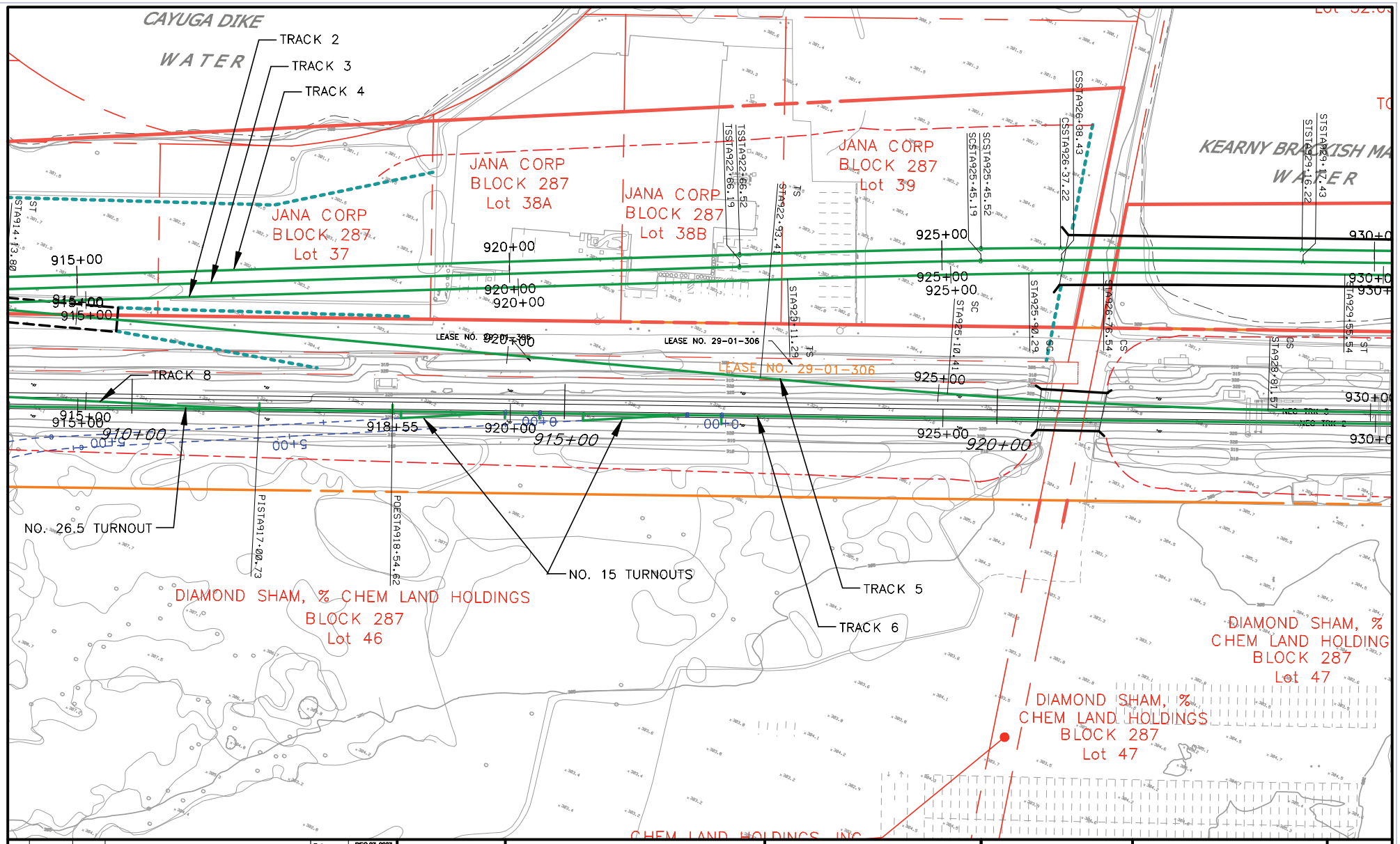

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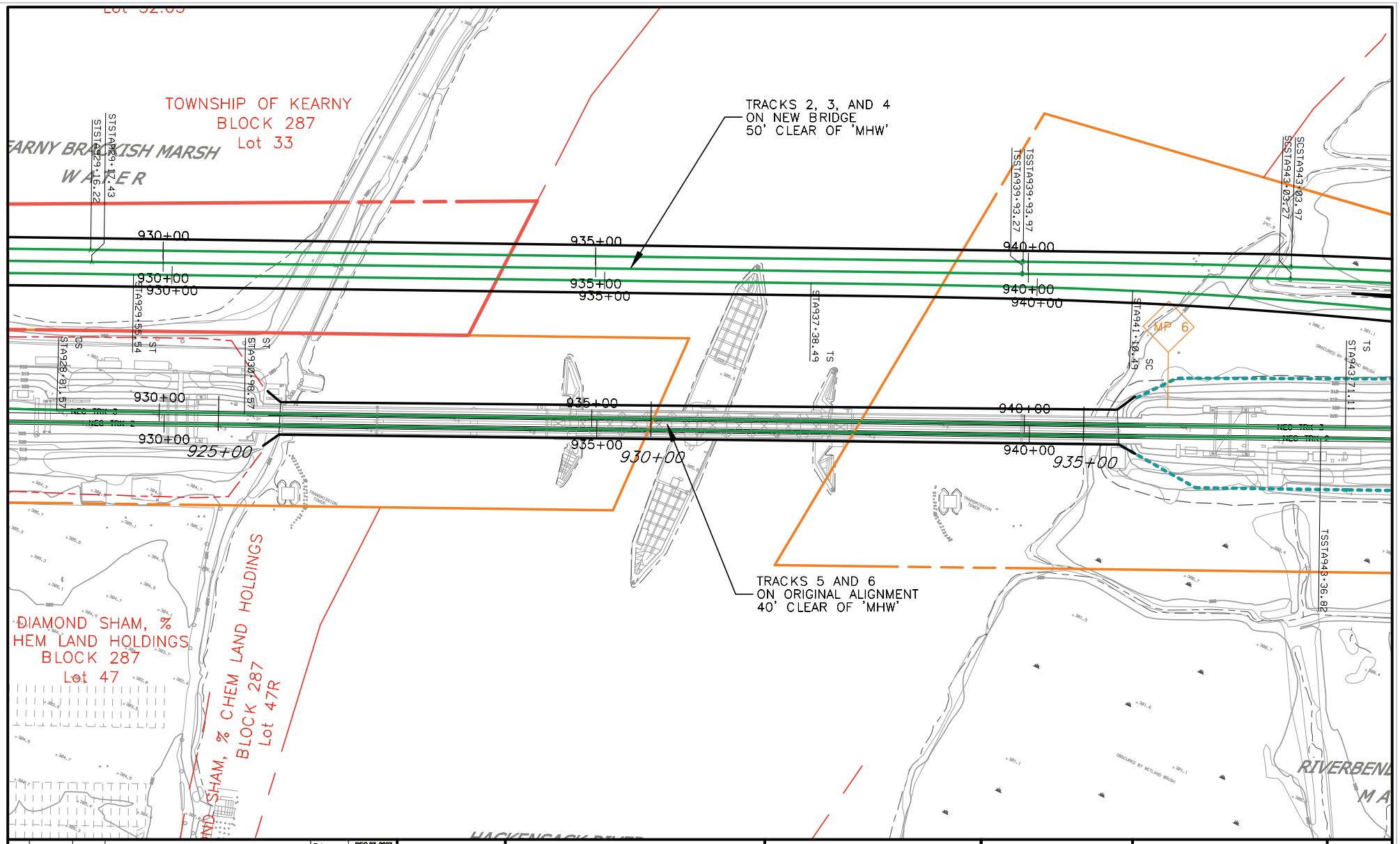

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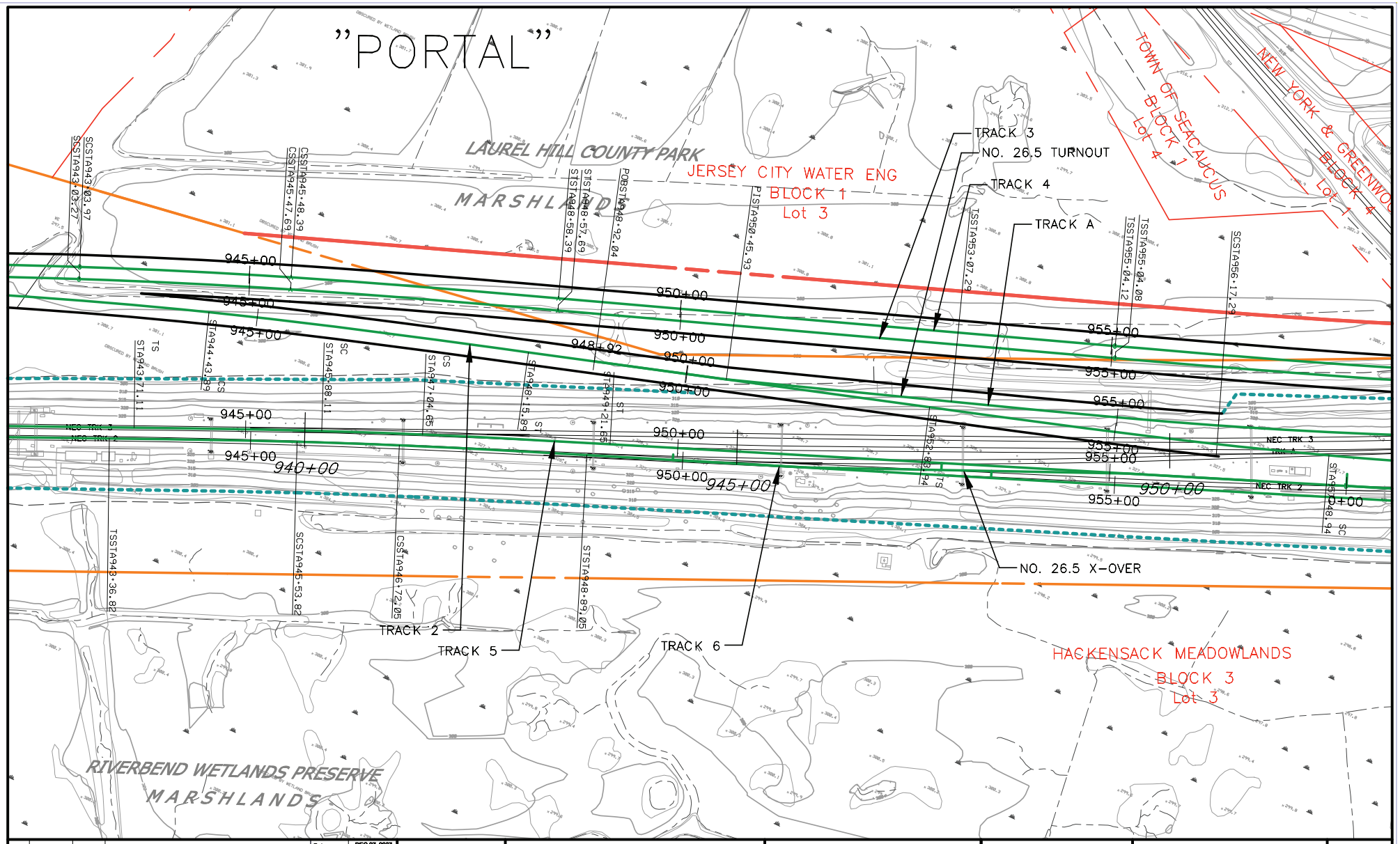

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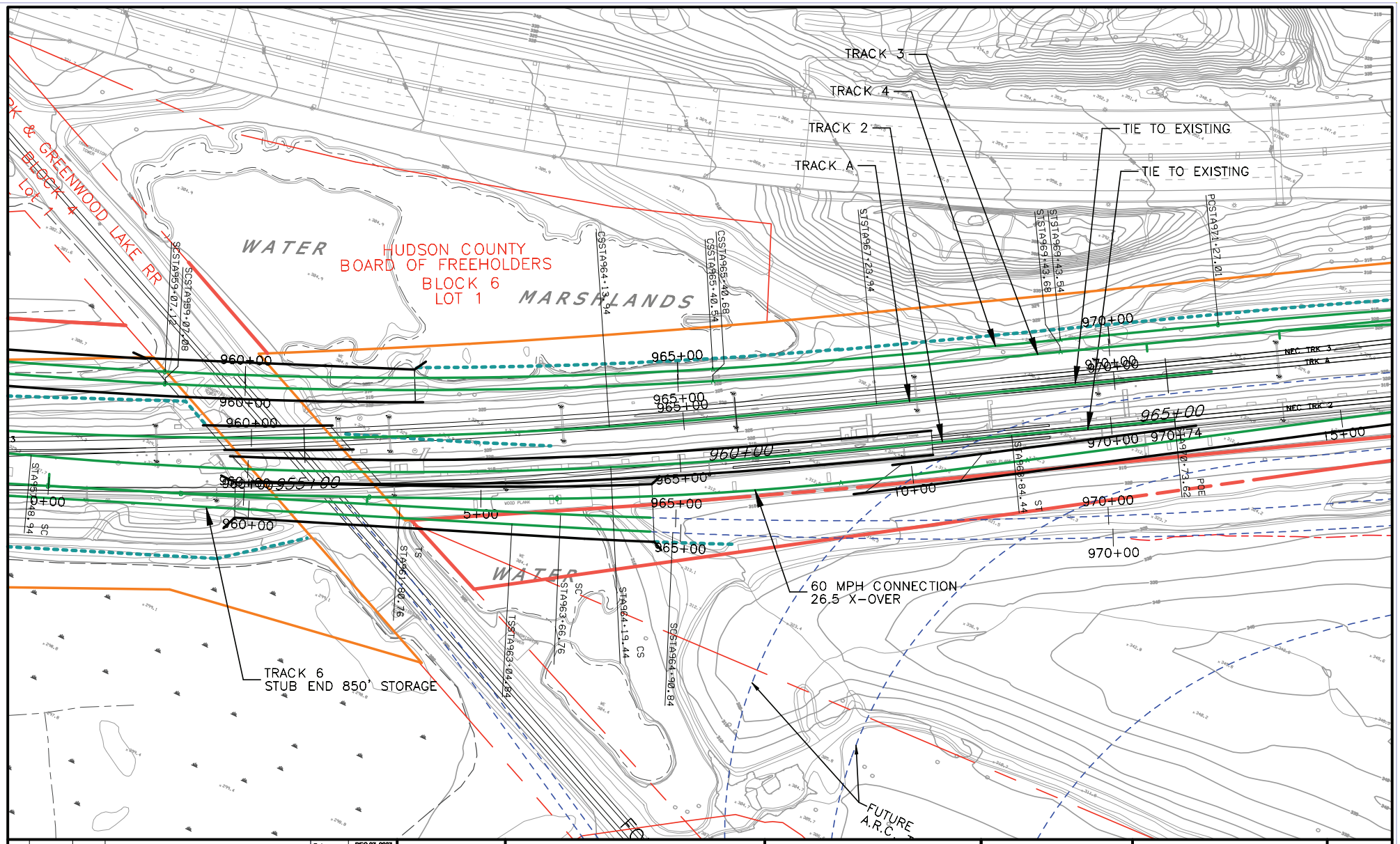

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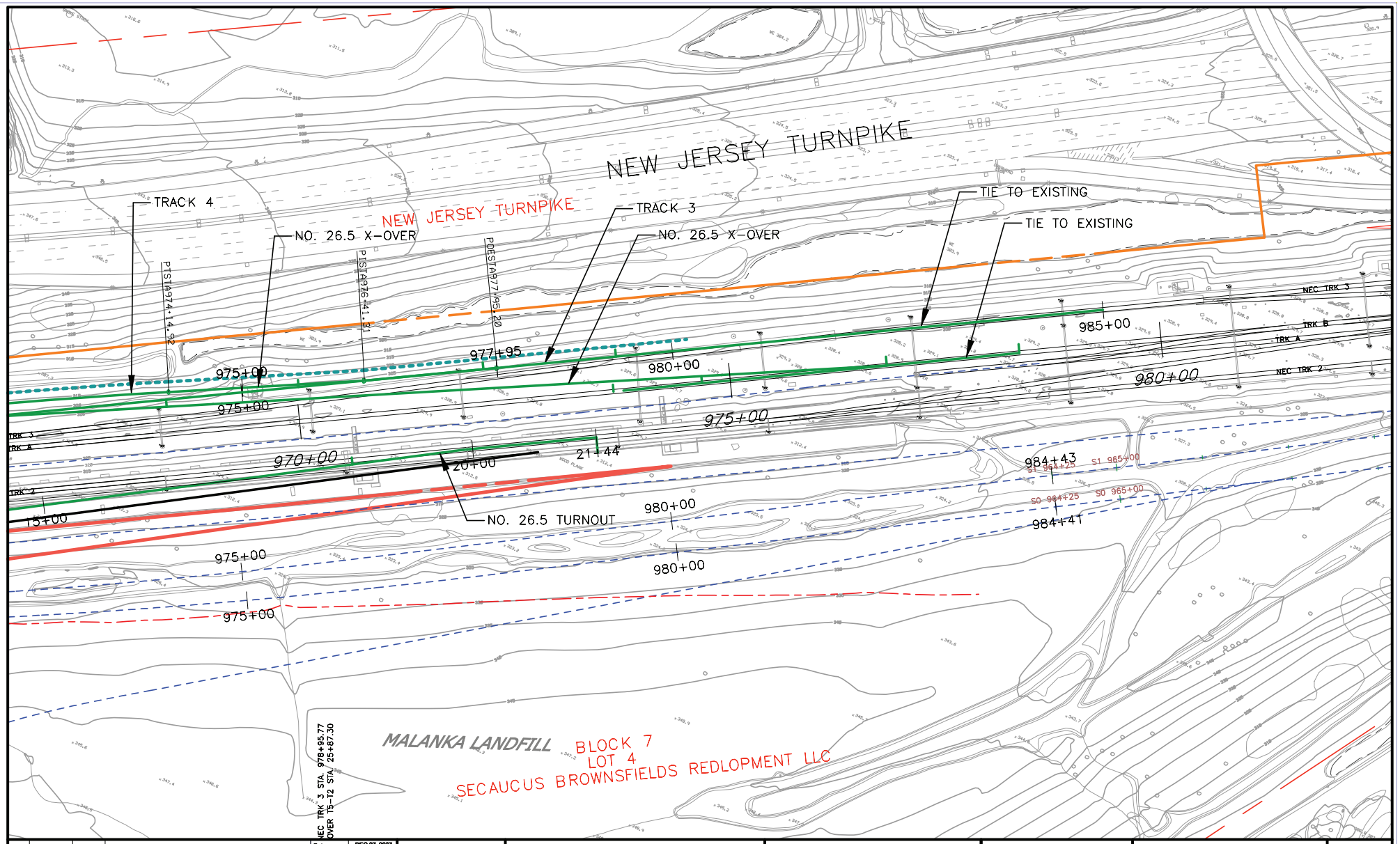

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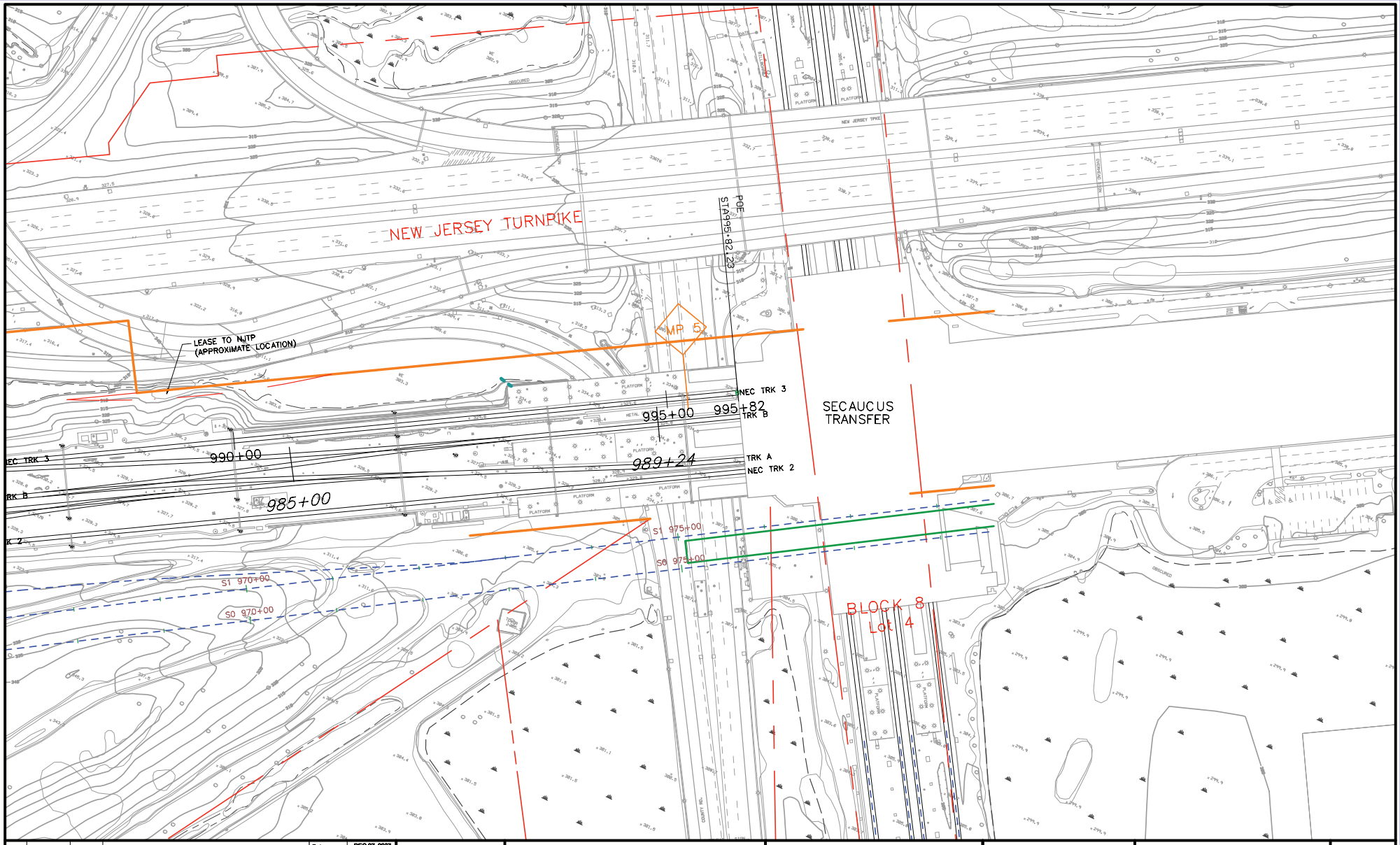

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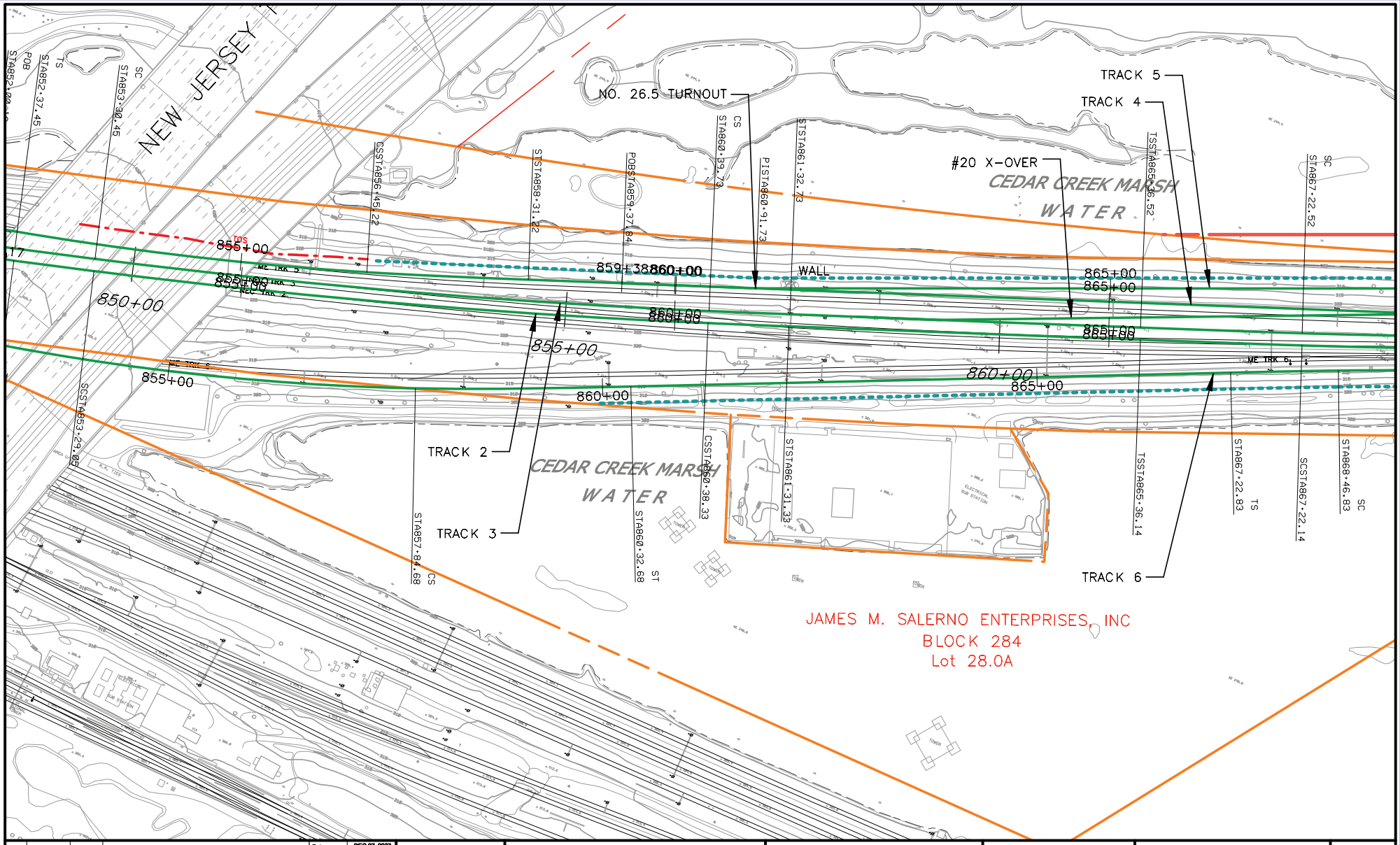

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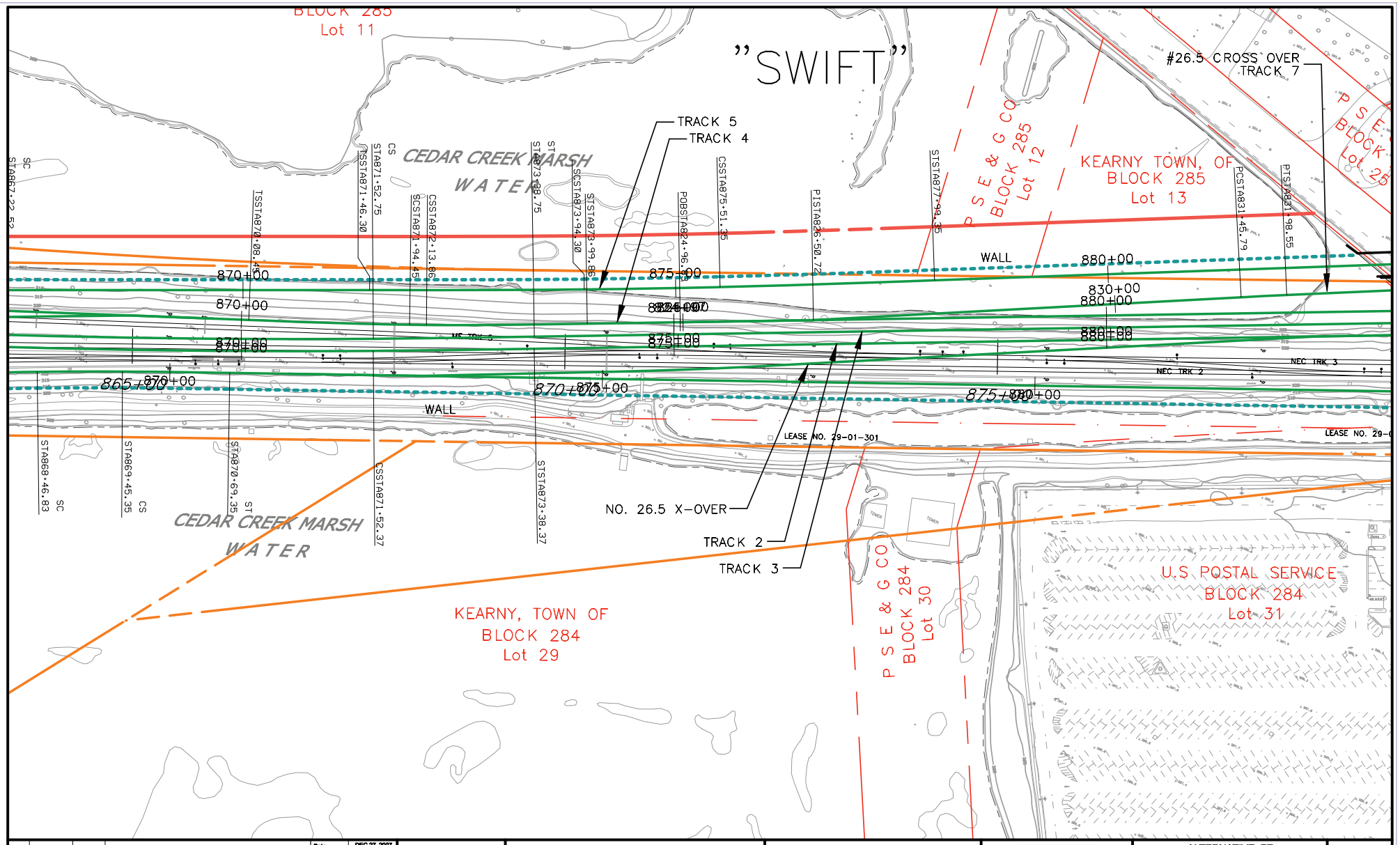

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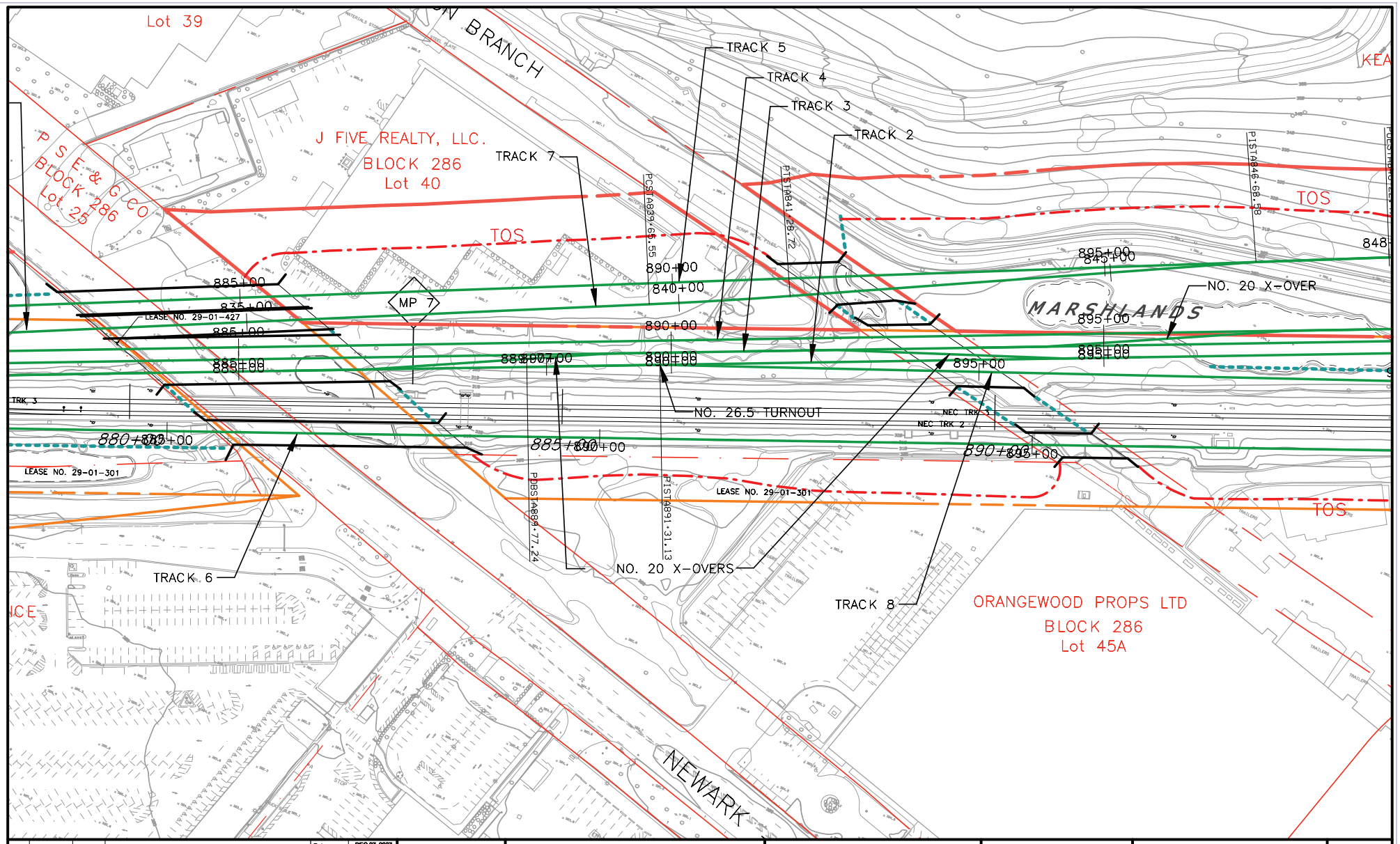

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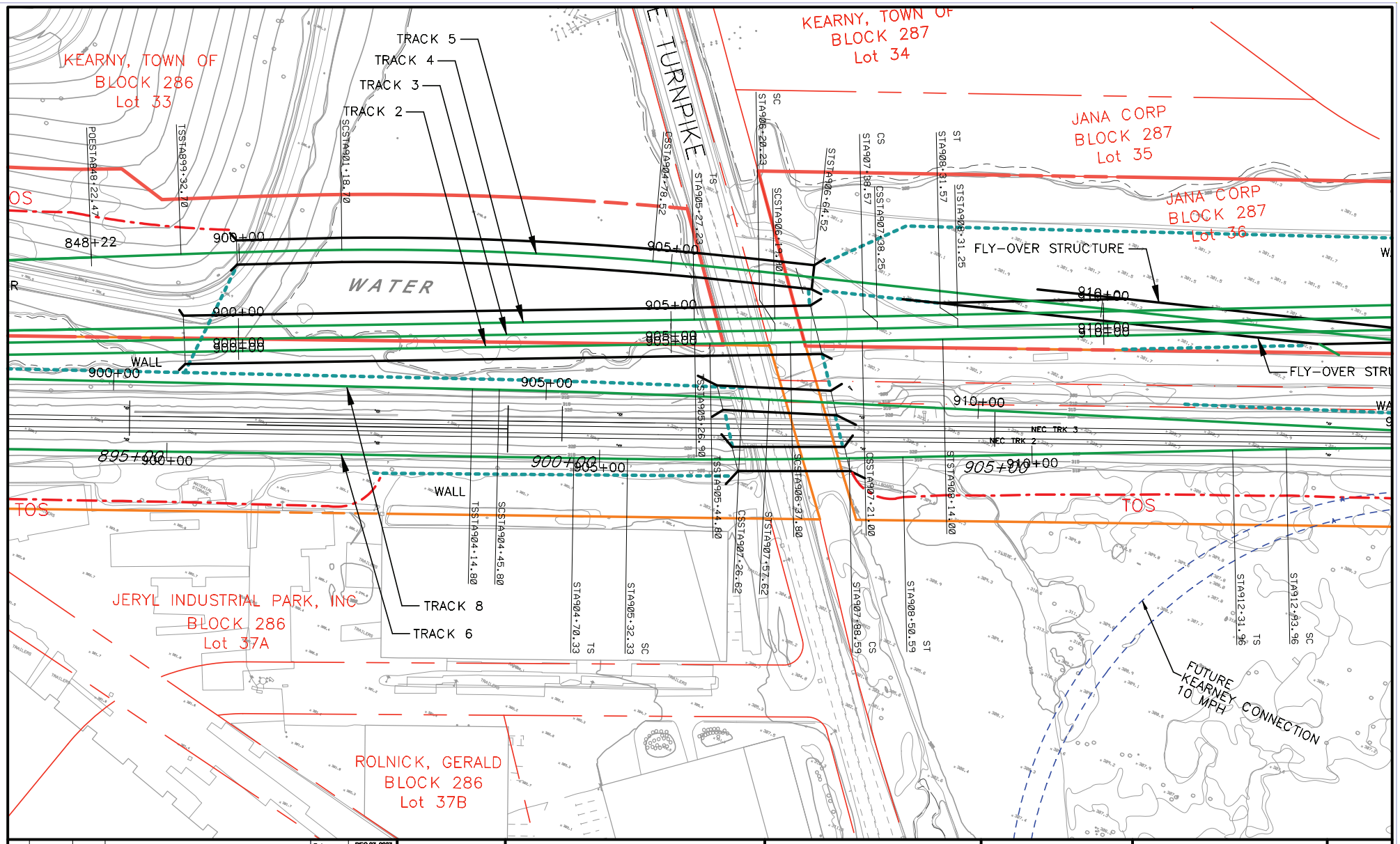

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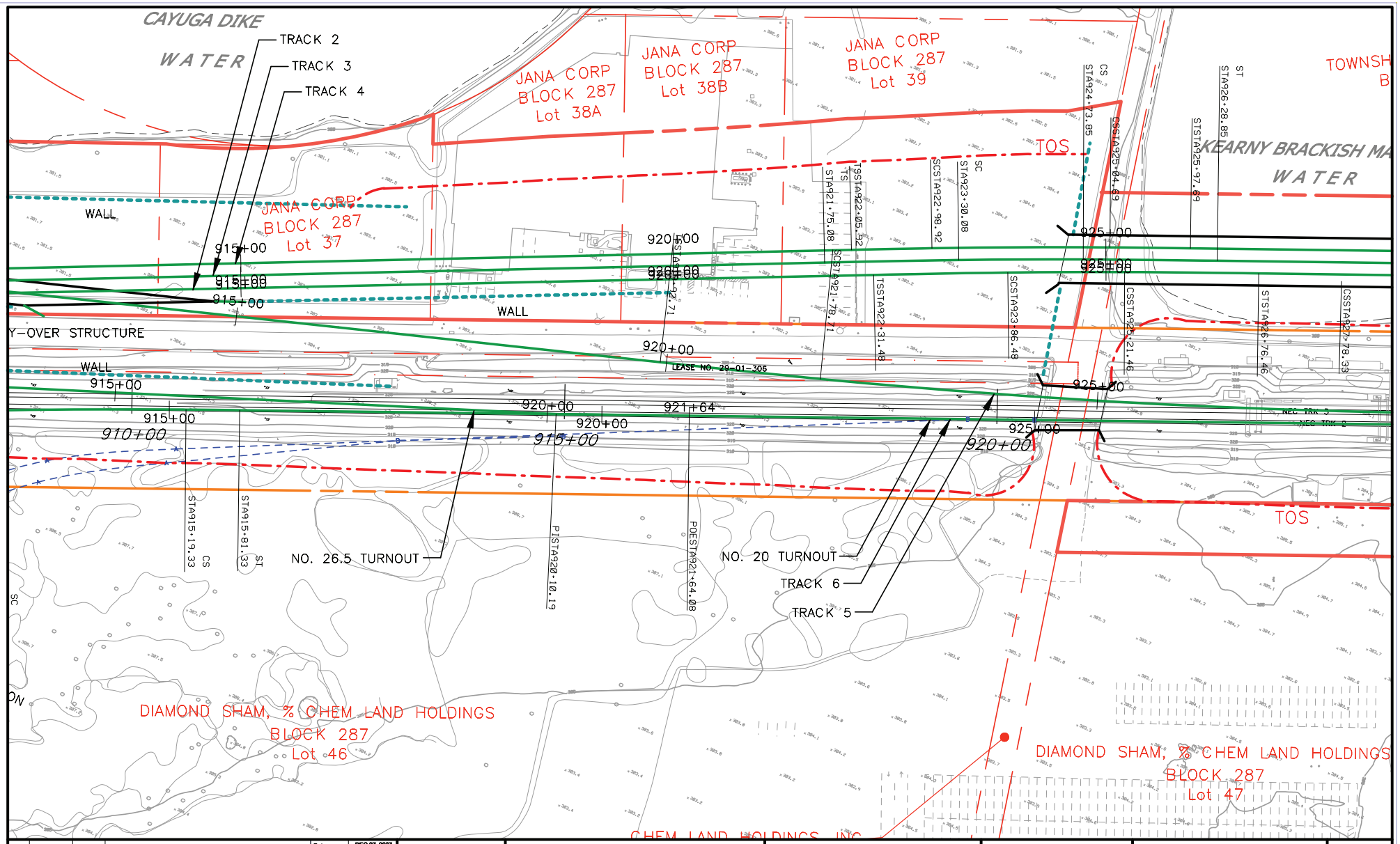

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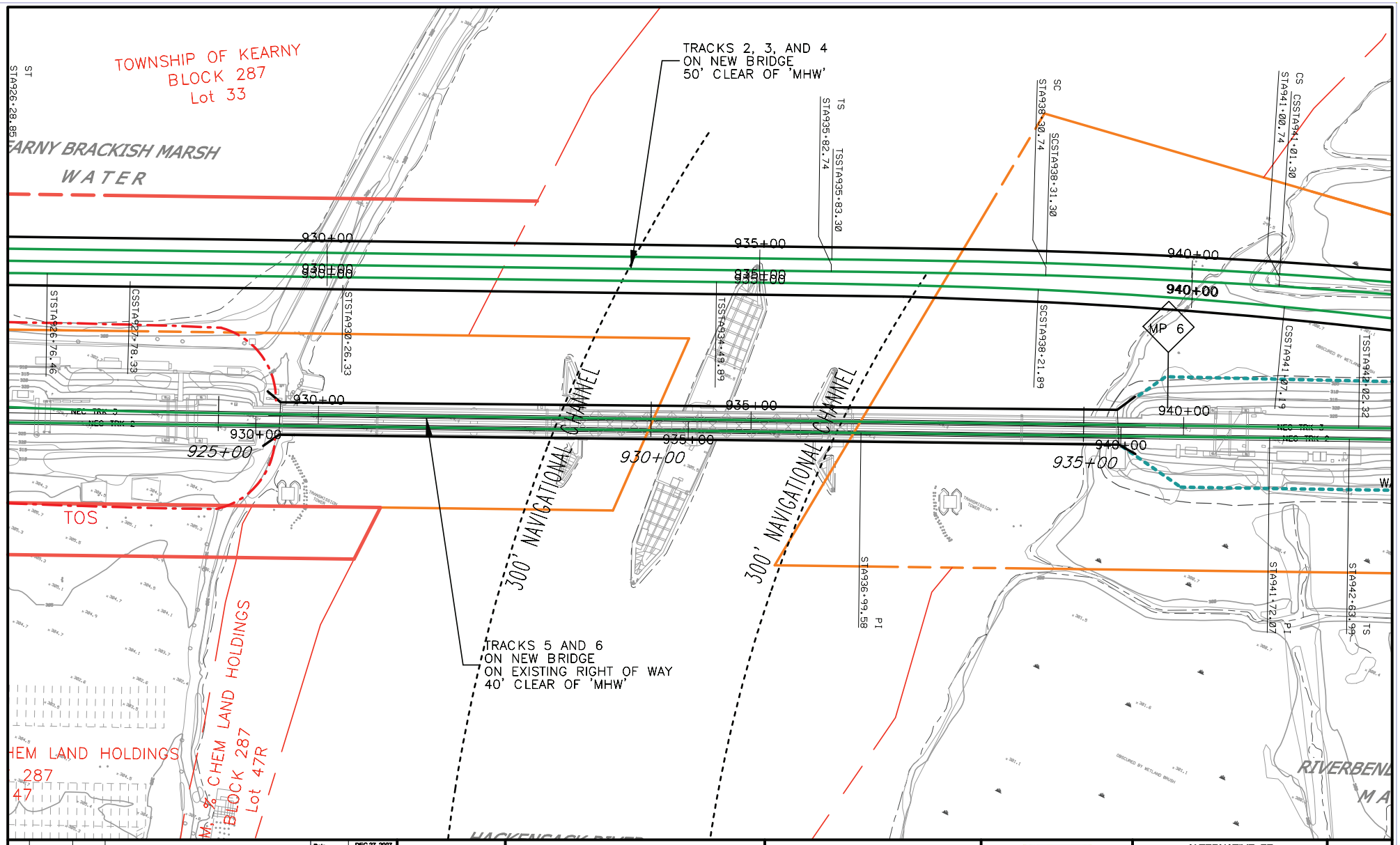

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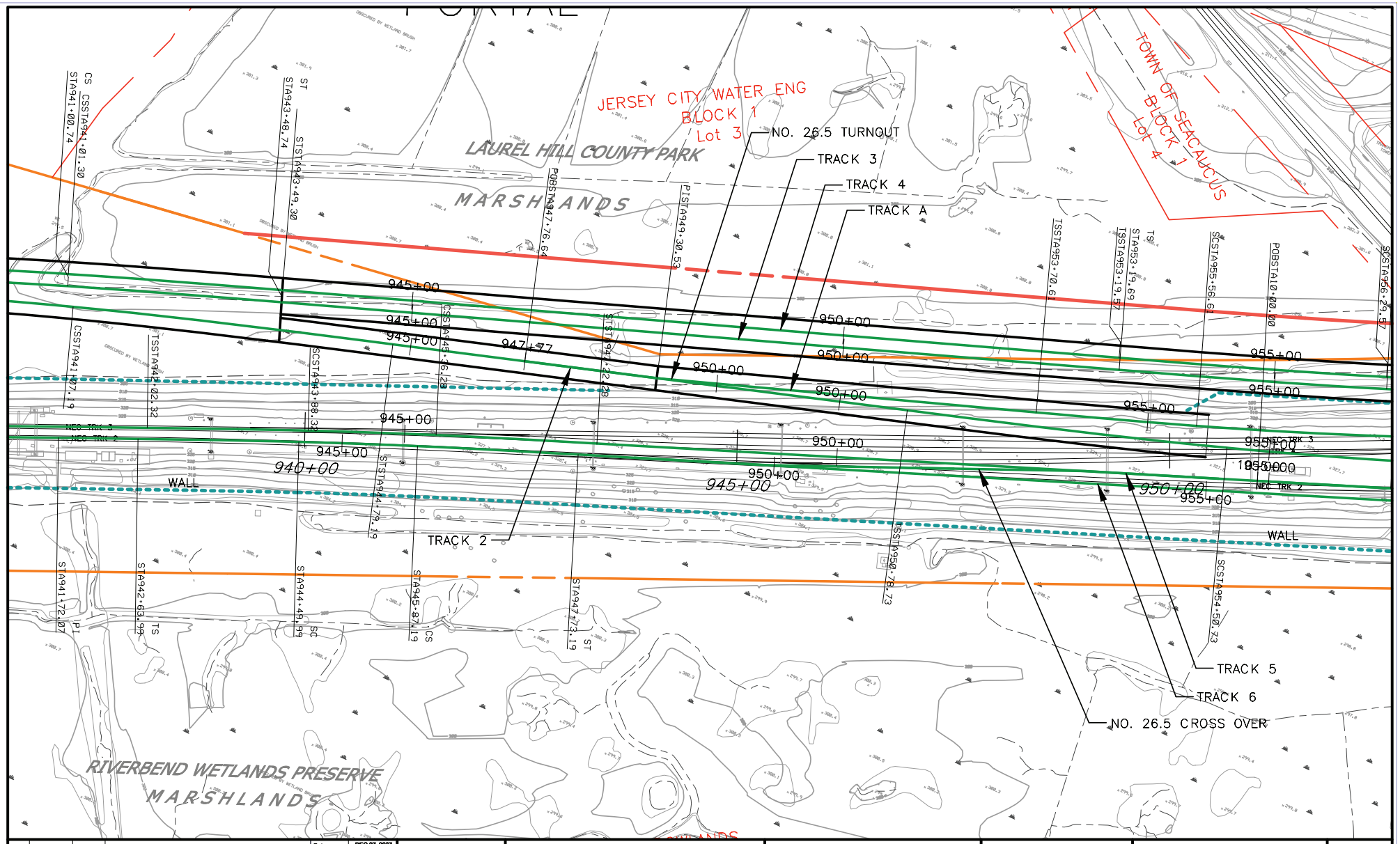

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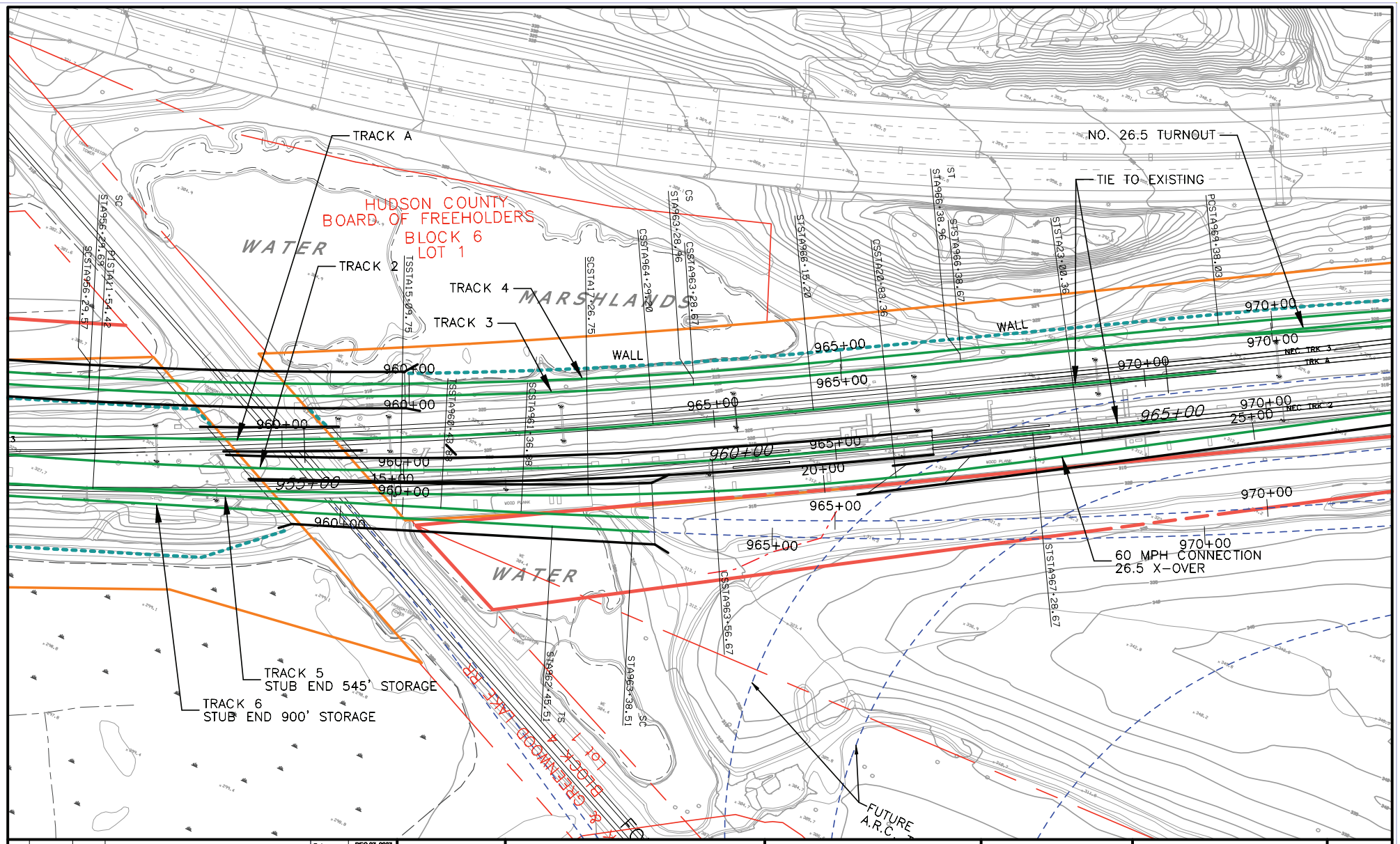

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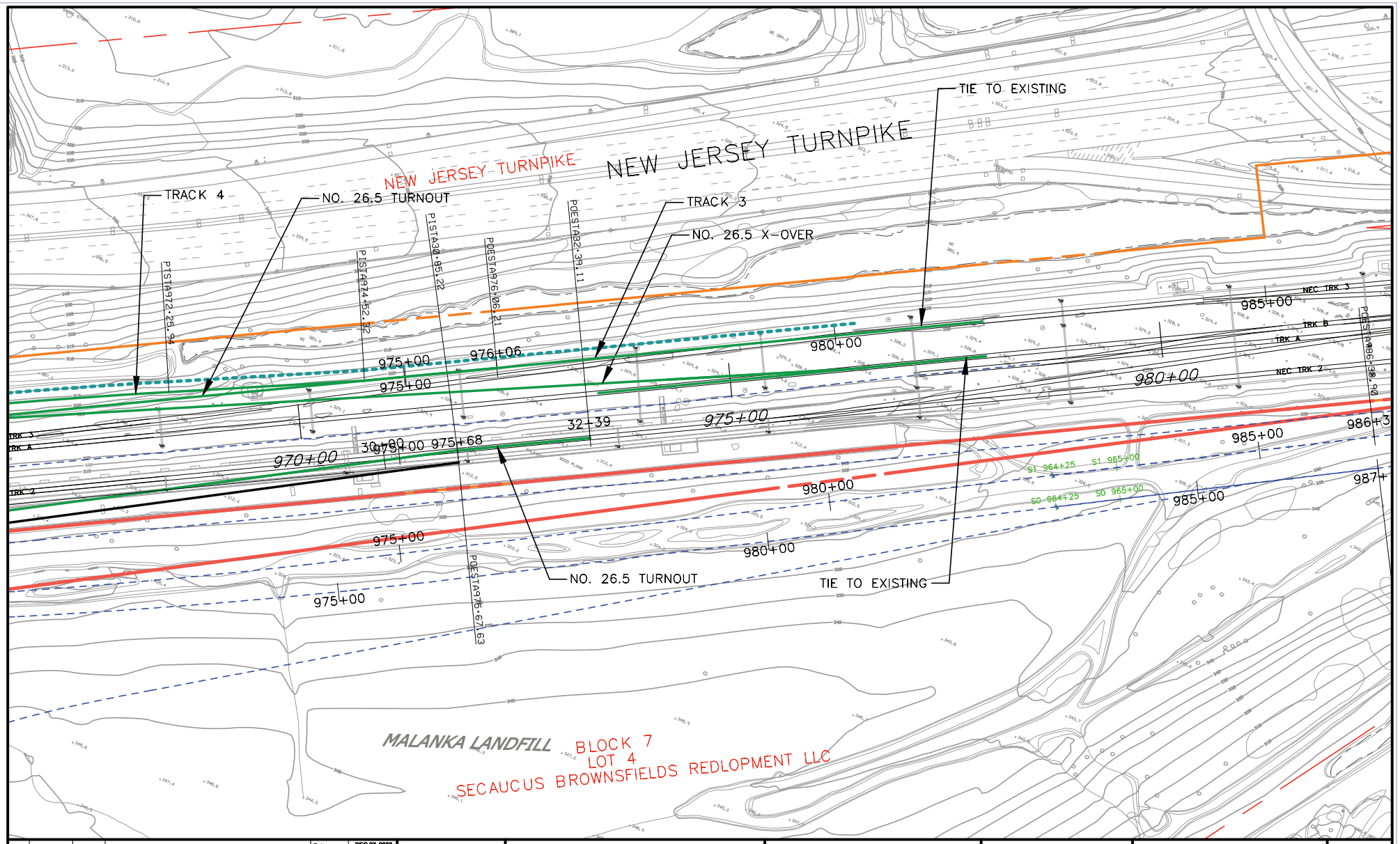

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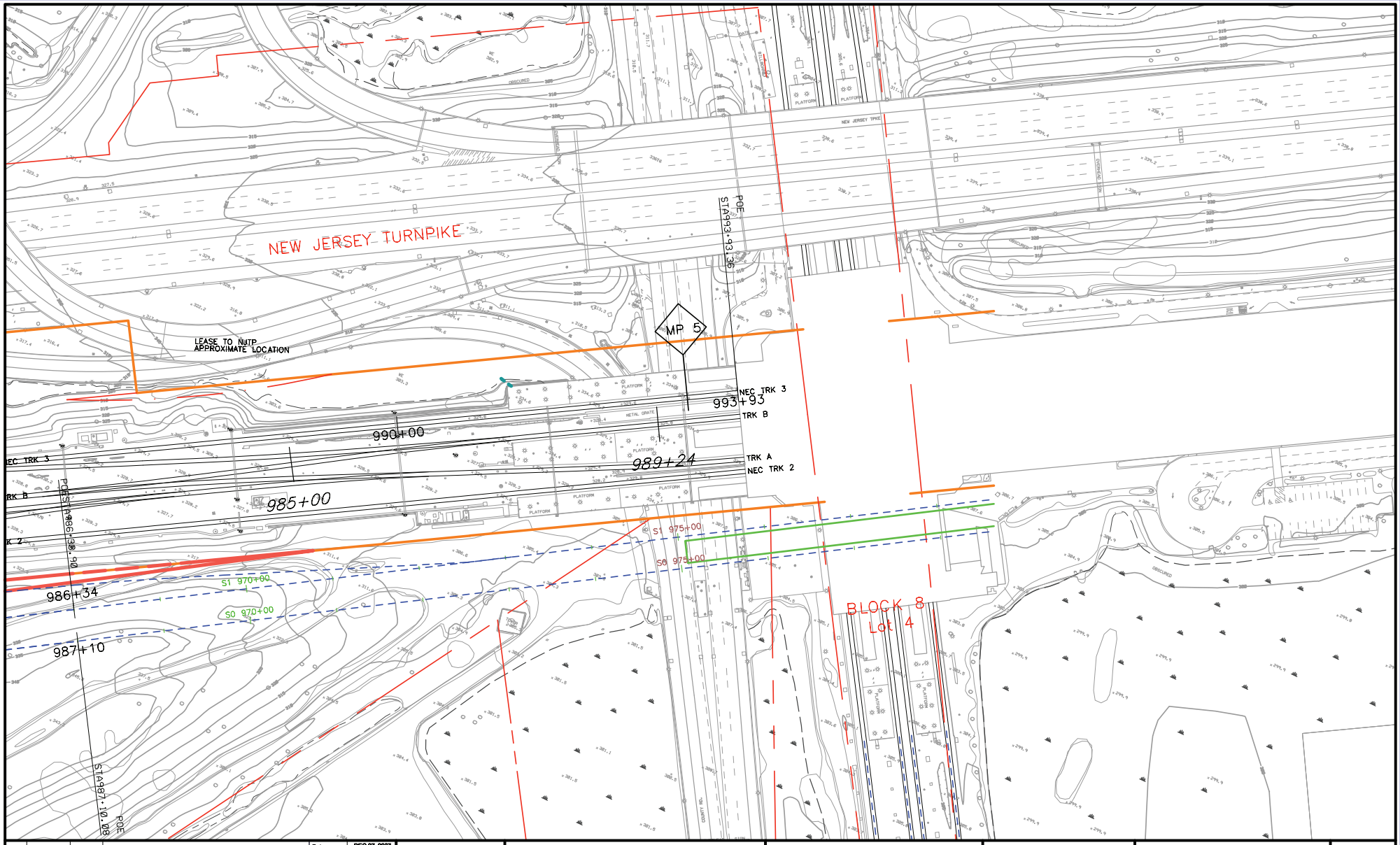

No.	Date	Chkd.	Revision Notes

Date	DEC 27, 2007
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Apprvd.	
Scale	1" : 100'

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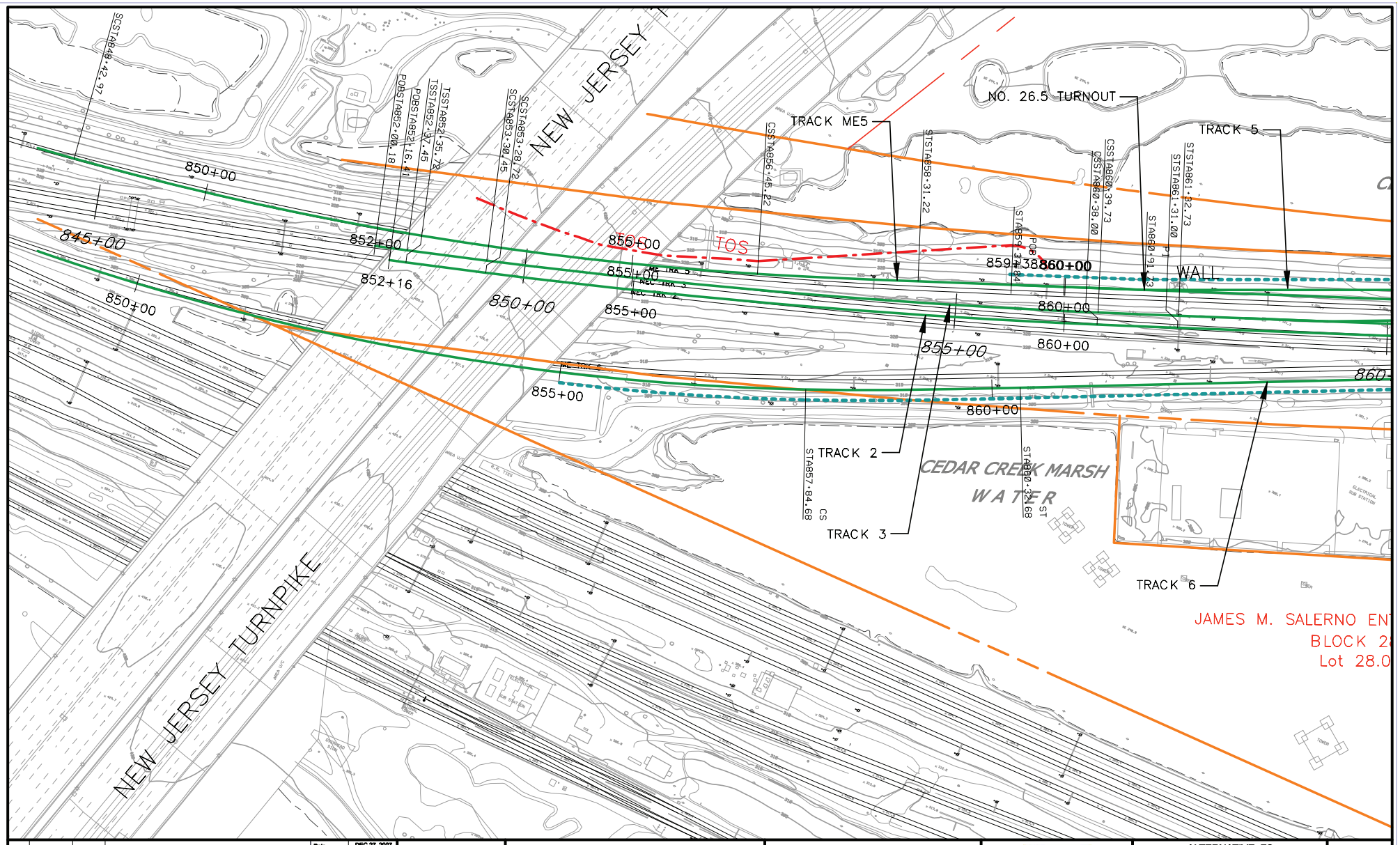
PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE FE

ALTERNATIVE ON
EXISTING ALIGNMENT

Exhibit

Alternative FS



No.	Date	Chkd.	Revision Notes

Date	DEC 27, 2007
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PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE FS

ALTERNATIVE ON
SOUTHERN ALIGNMENT

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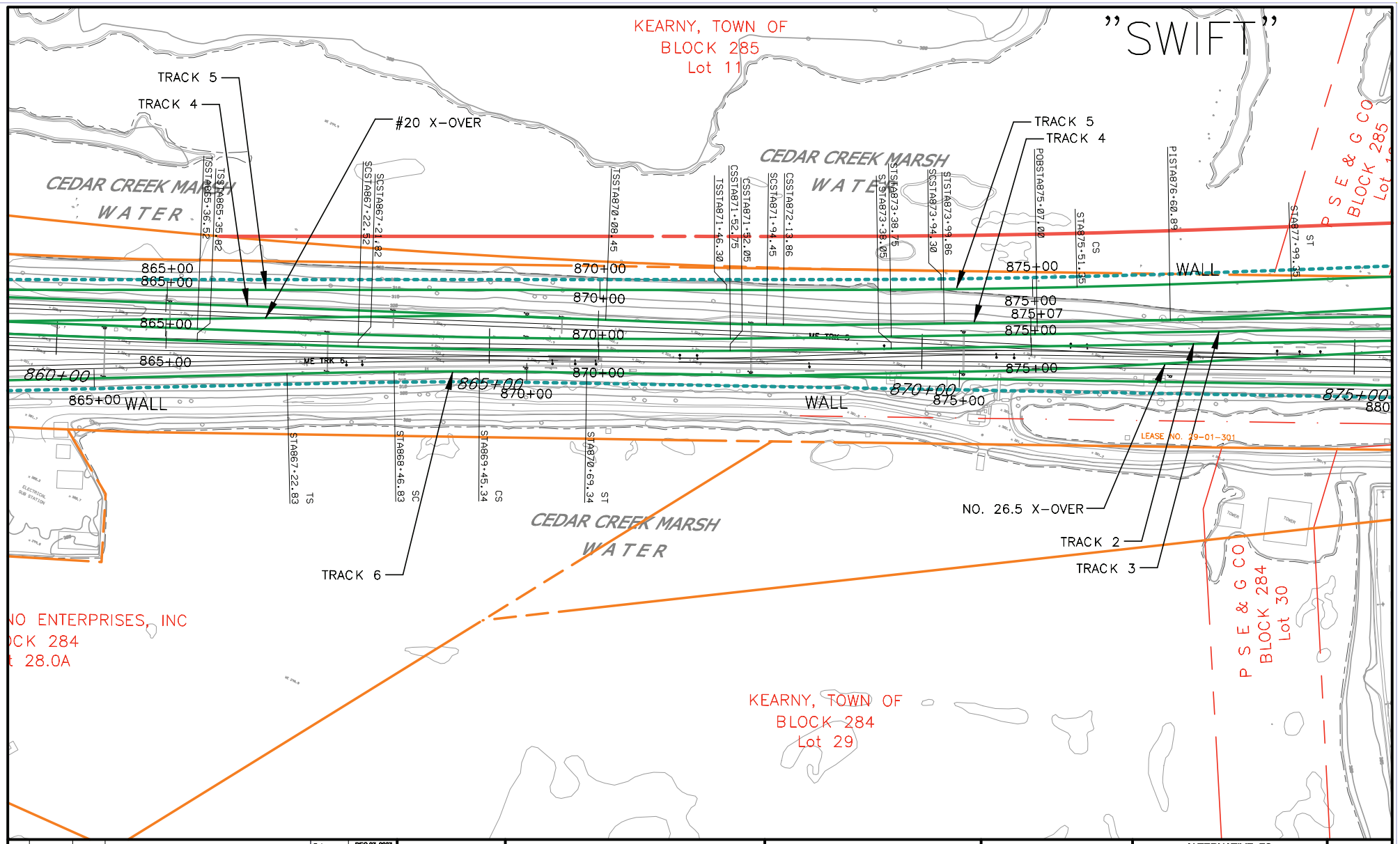

No.	Date	Chkd.	Revision Notes

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PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE FS

ALTERNATIVE ON
SOUTHERN ALIGNMENT

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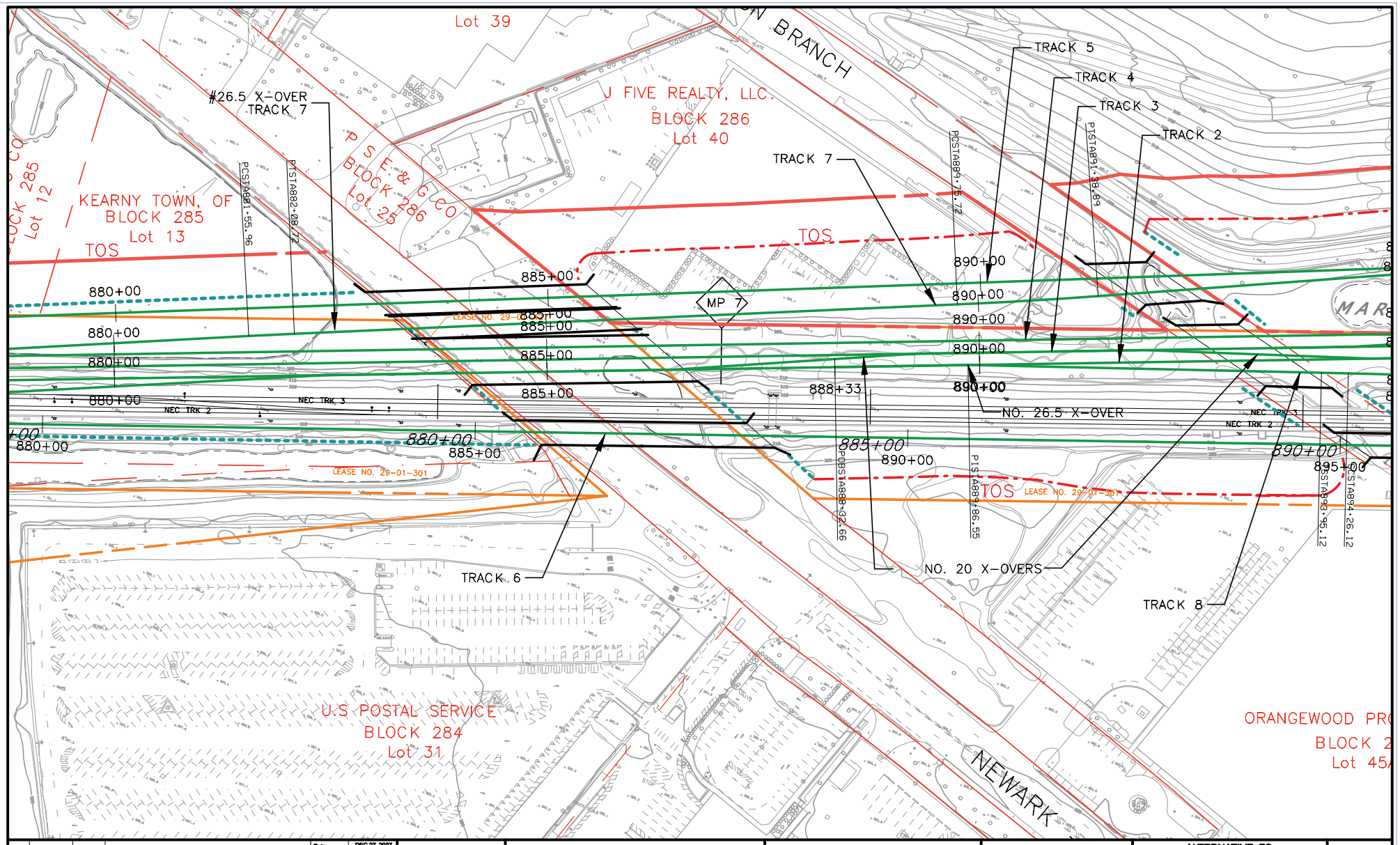

No.	Date	Chkd.	Revision Notes

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CAPACITY ENHANCEMENT

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ALTERNATIVE ON
SOUTHERN ALIGNMENT

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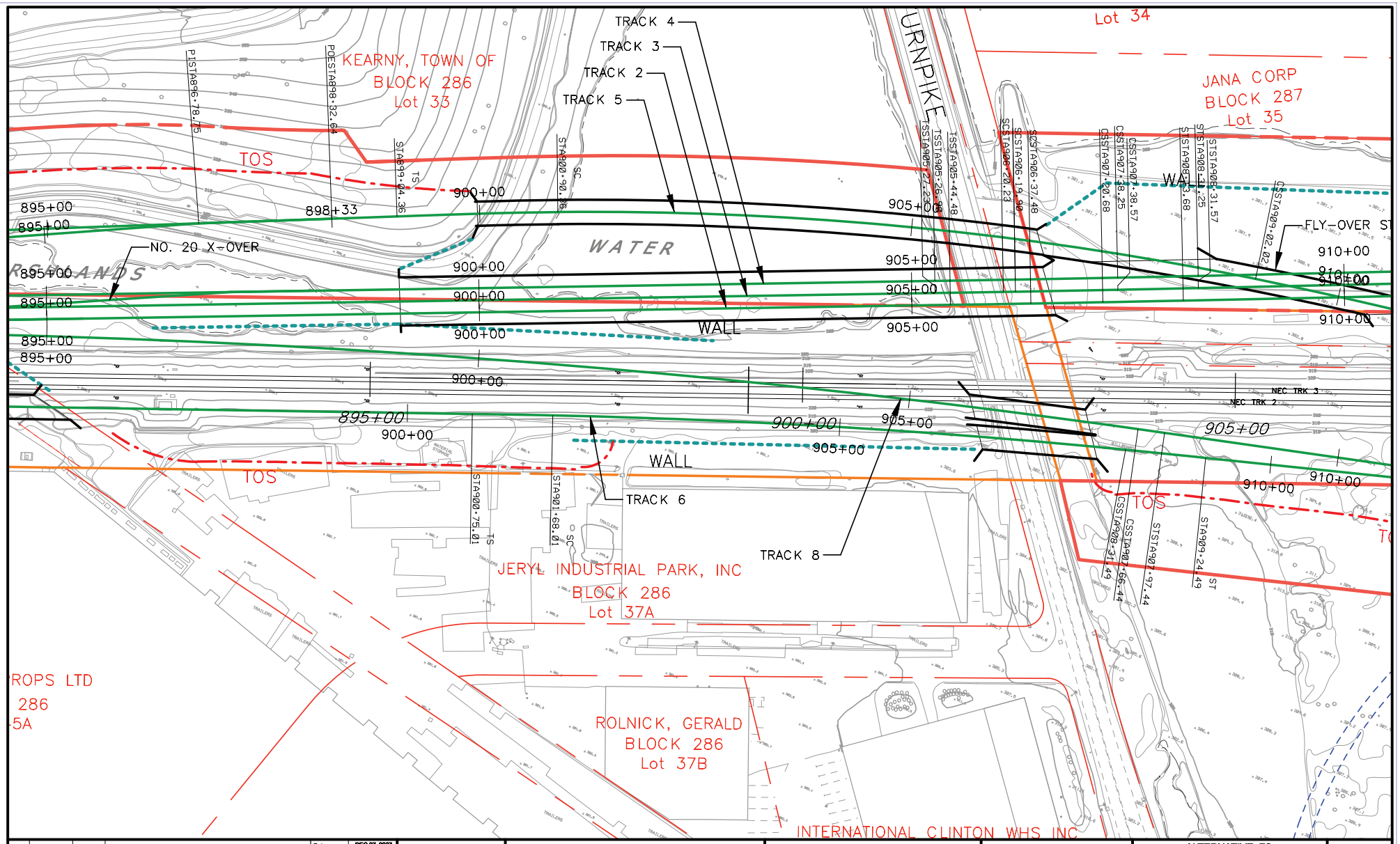

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ALTERNATIVE FS

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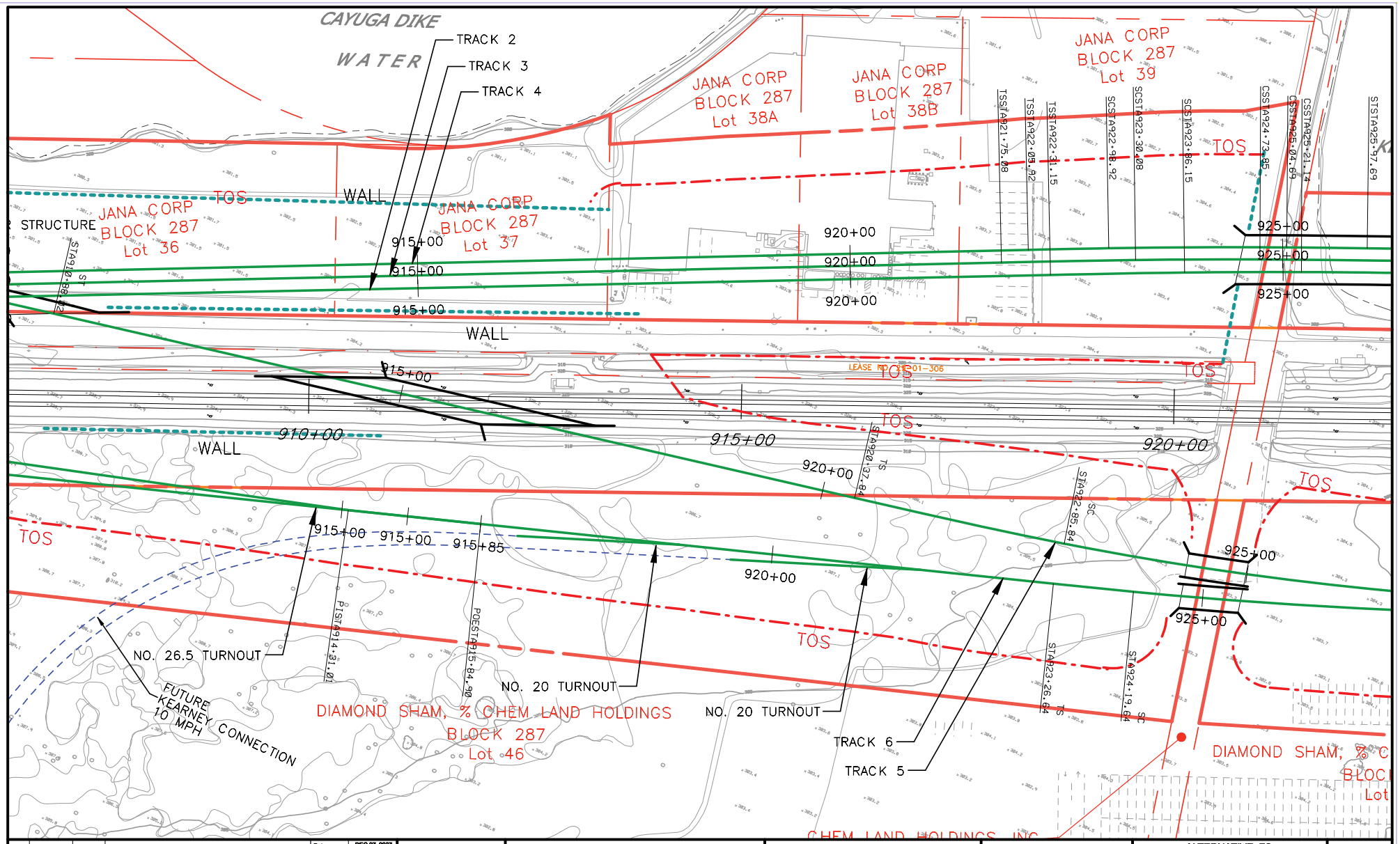

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PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE FS

ALTERNATIVE ON
SOUTHERN ALIGNMENT

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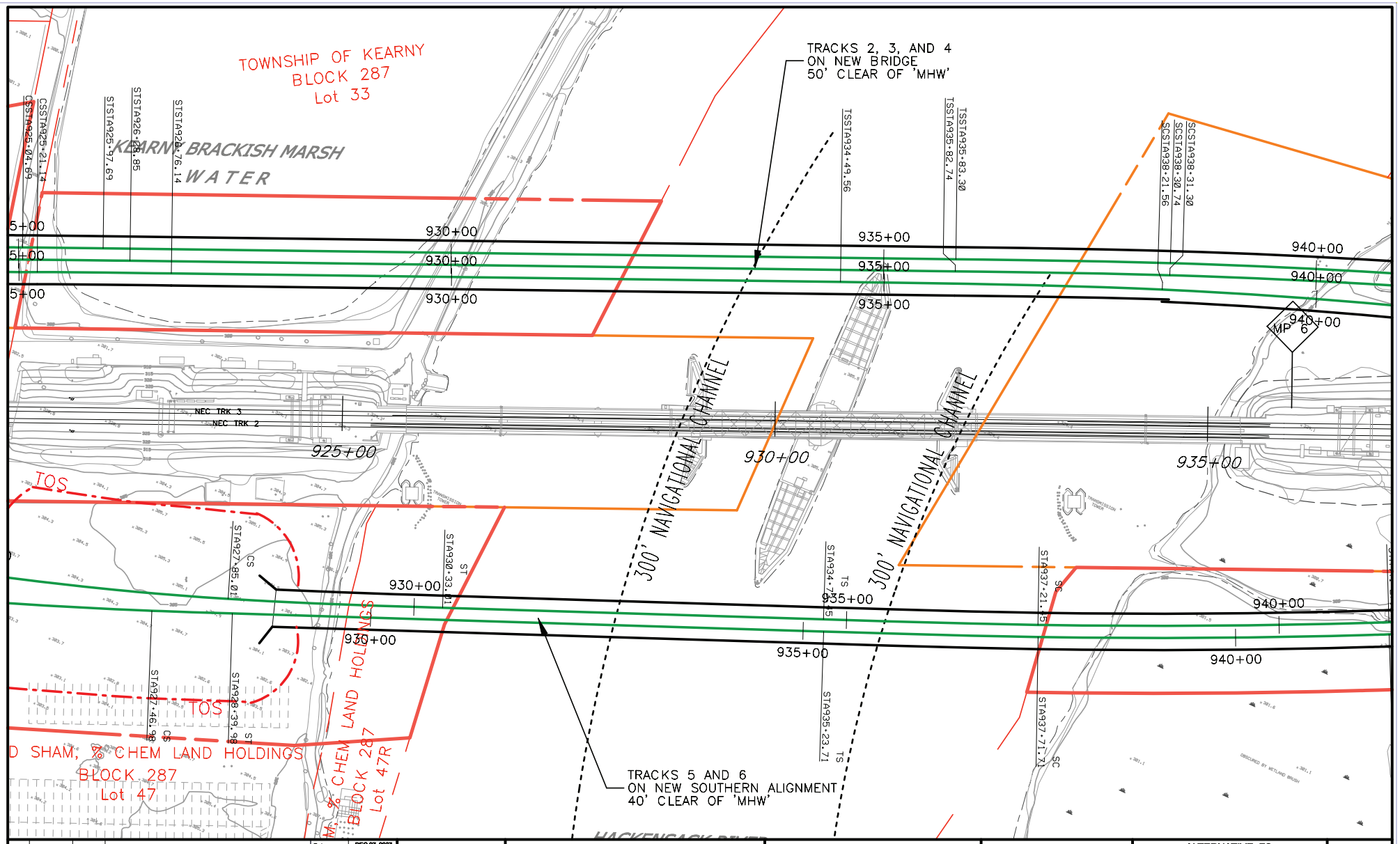

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SOUTHERN ALIGNMENT

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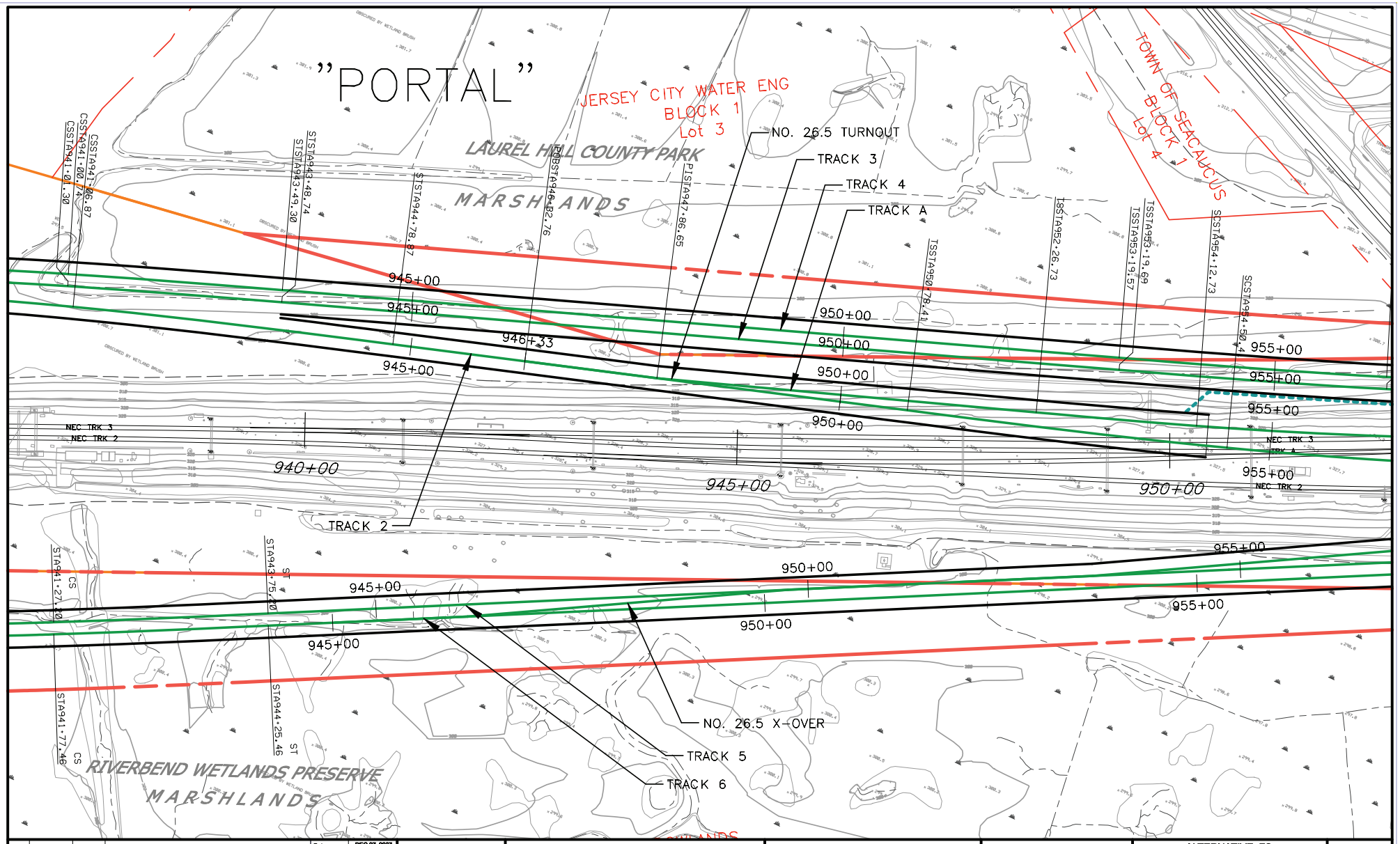

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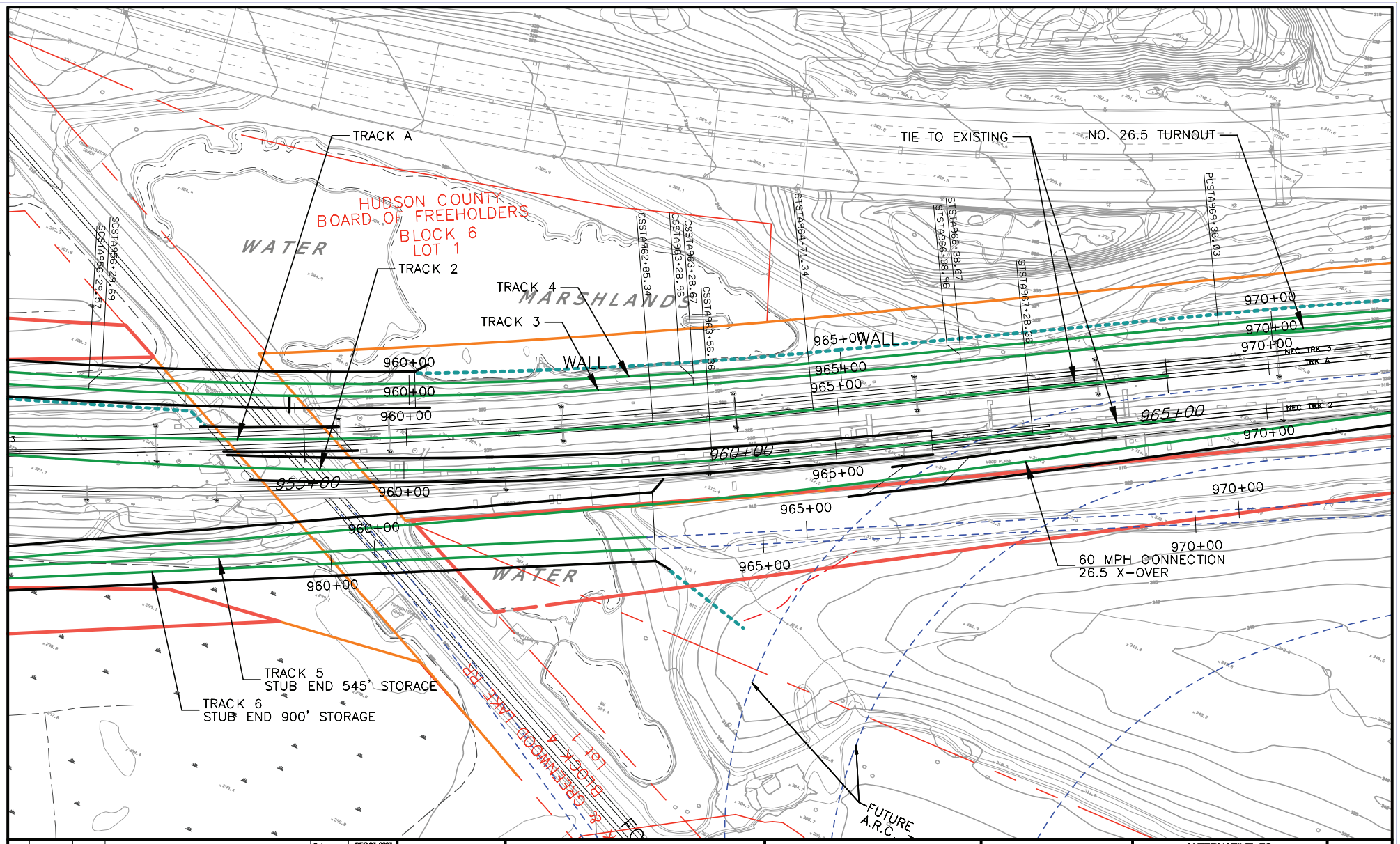

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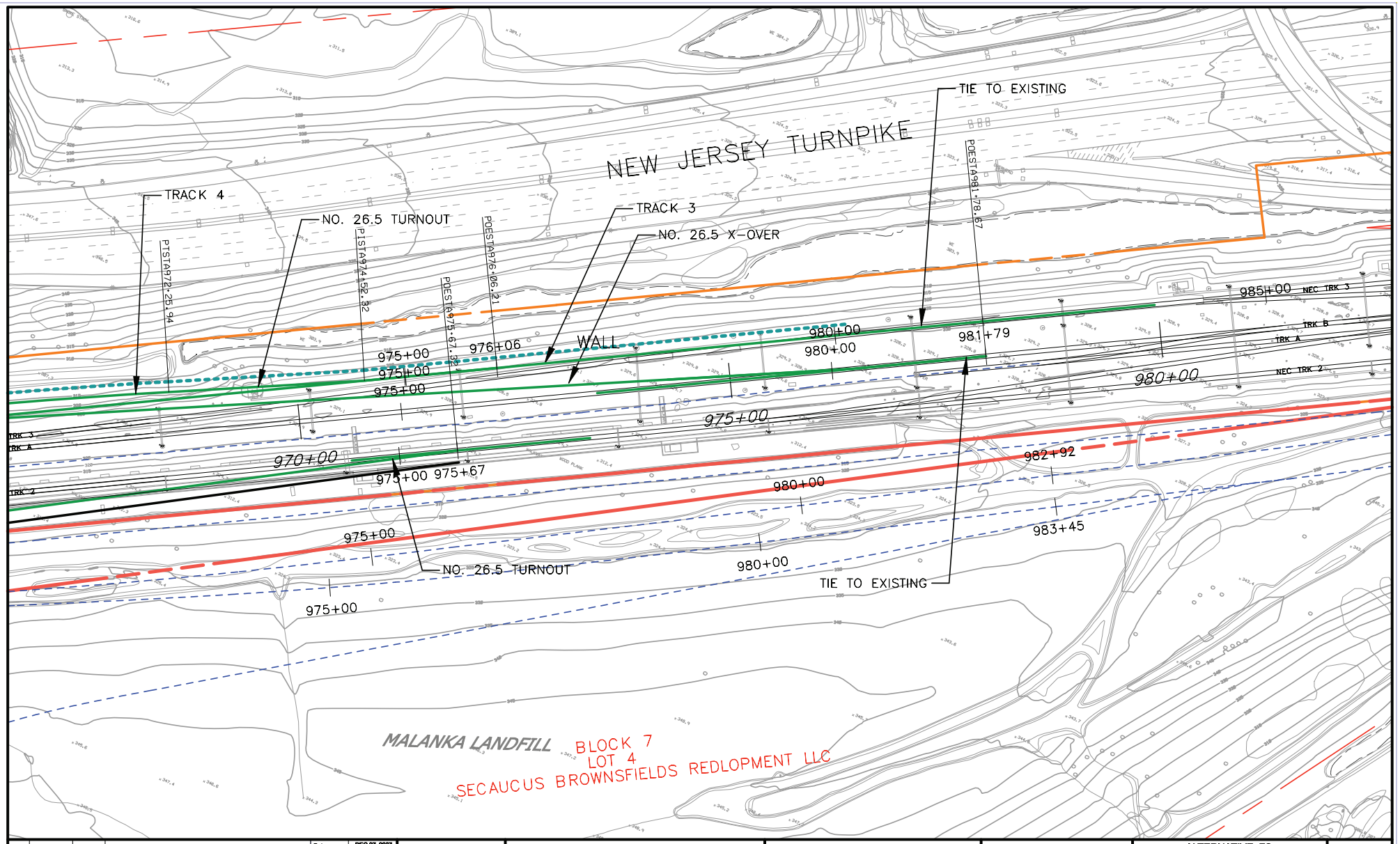

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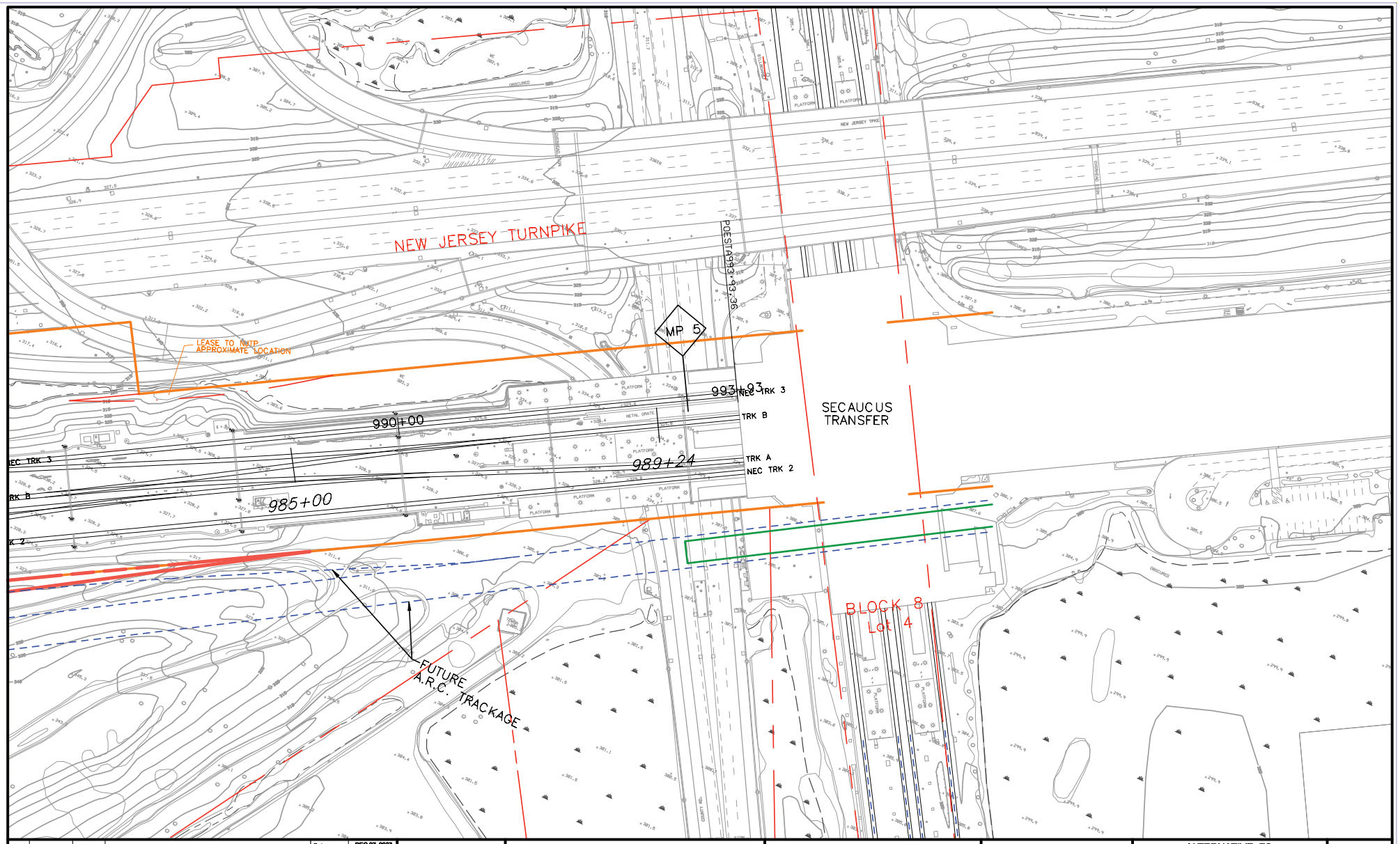

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SOUTHERN ALIGNMENT

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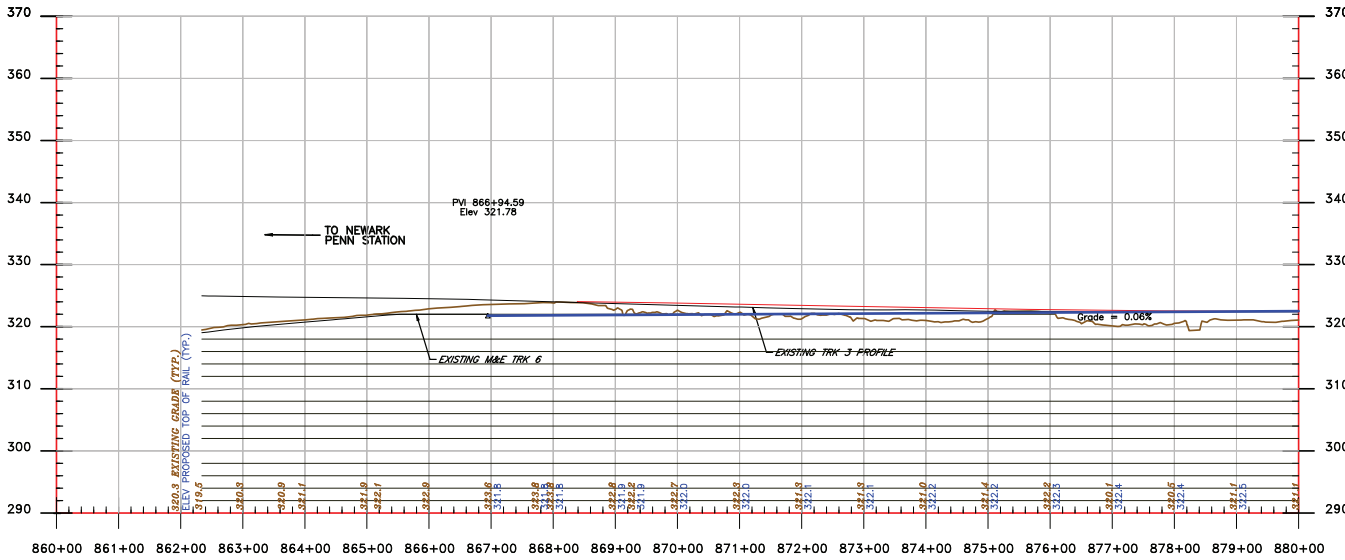

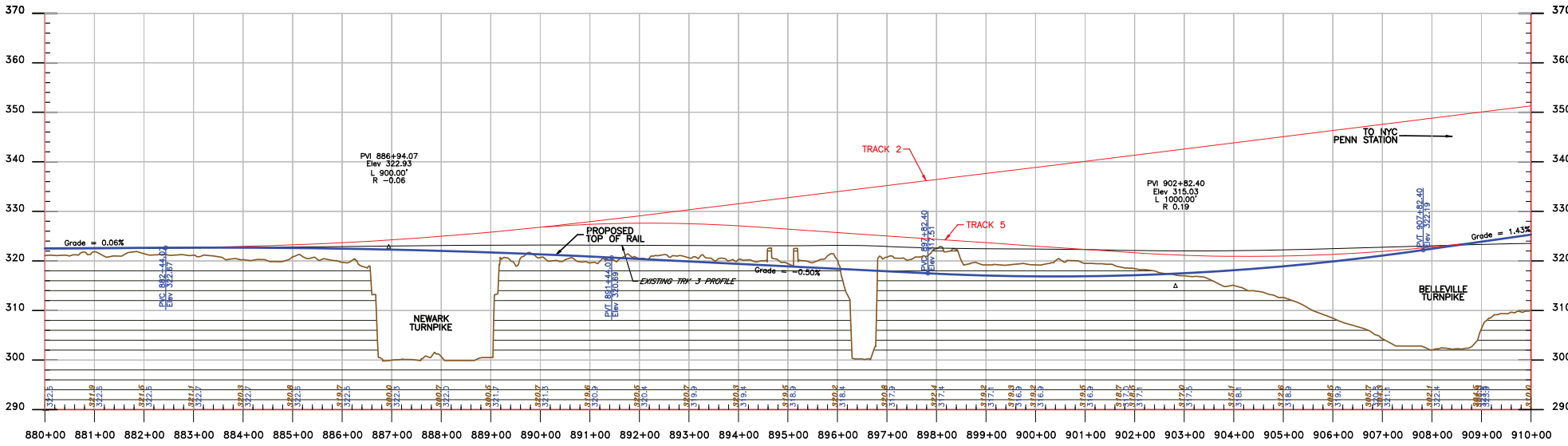

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CAPACITY ENHANCEMENT

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EXISTING ALIGNMENT
PROFILE TRACK 6

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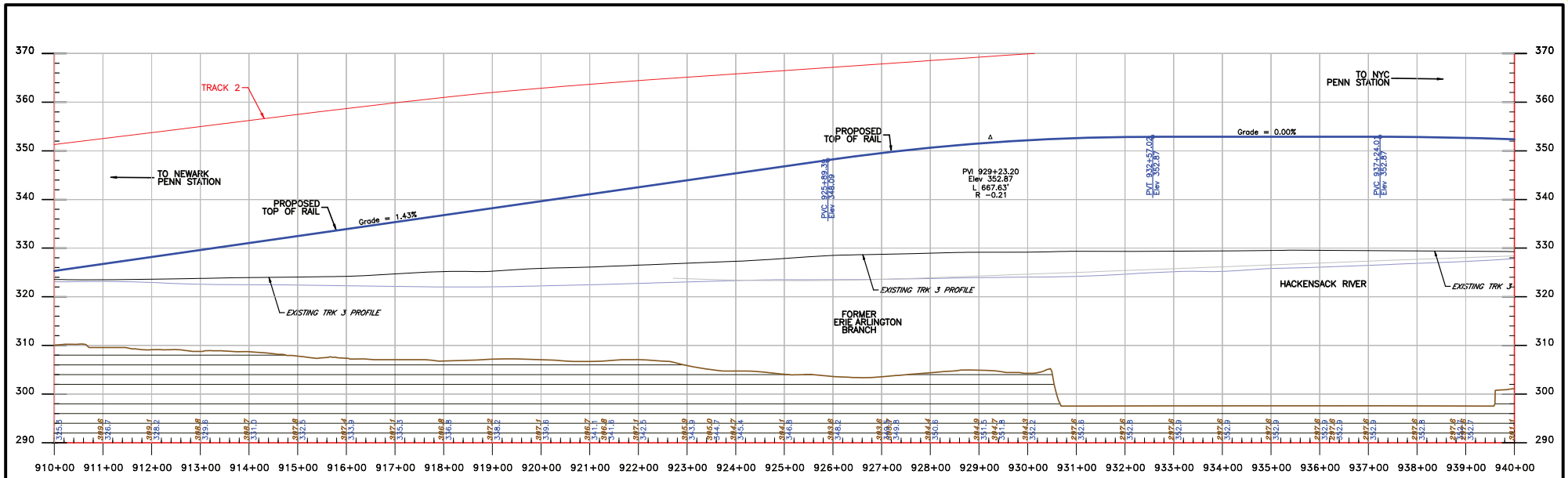

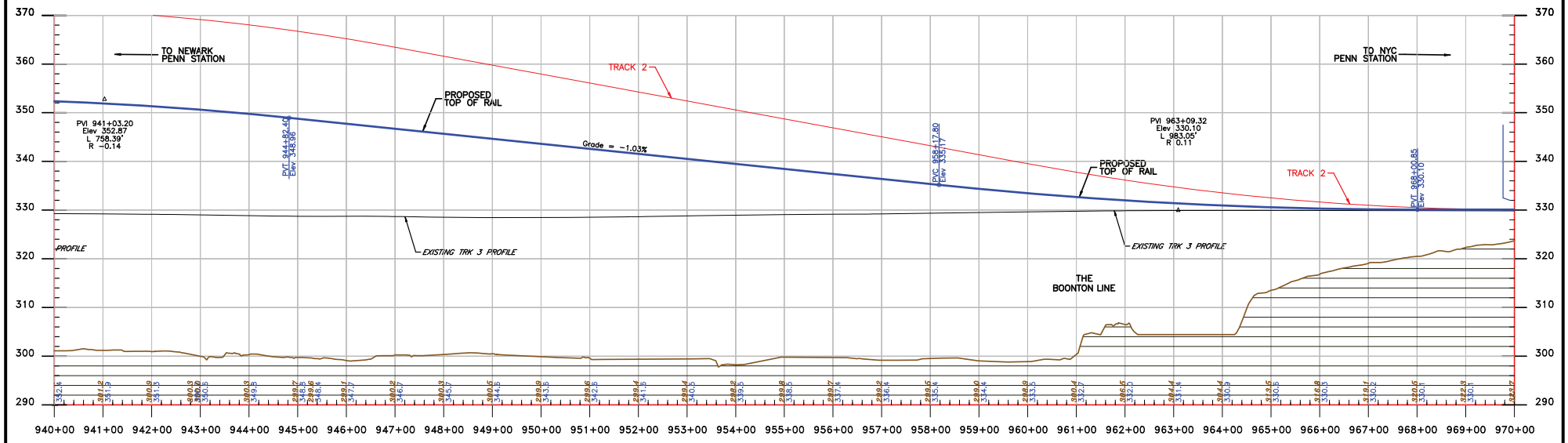

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CAPACITY ENHANCEMENT

ALTERNATIVE DS

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EXISTING ALIGNMENT
PROFILE TRACK 6

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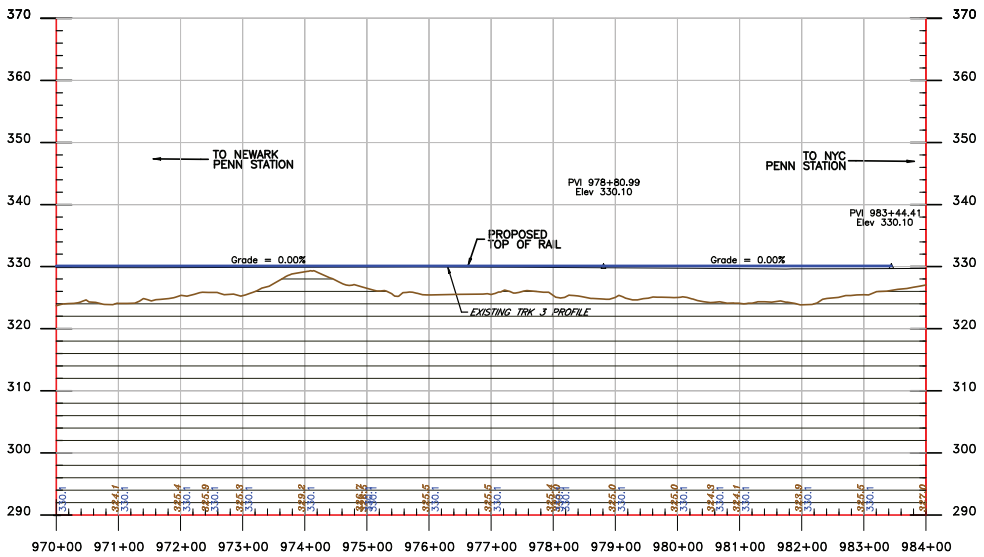

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PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE DS

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EXISTING ALIGNMENT
PROFILE TRACK 6

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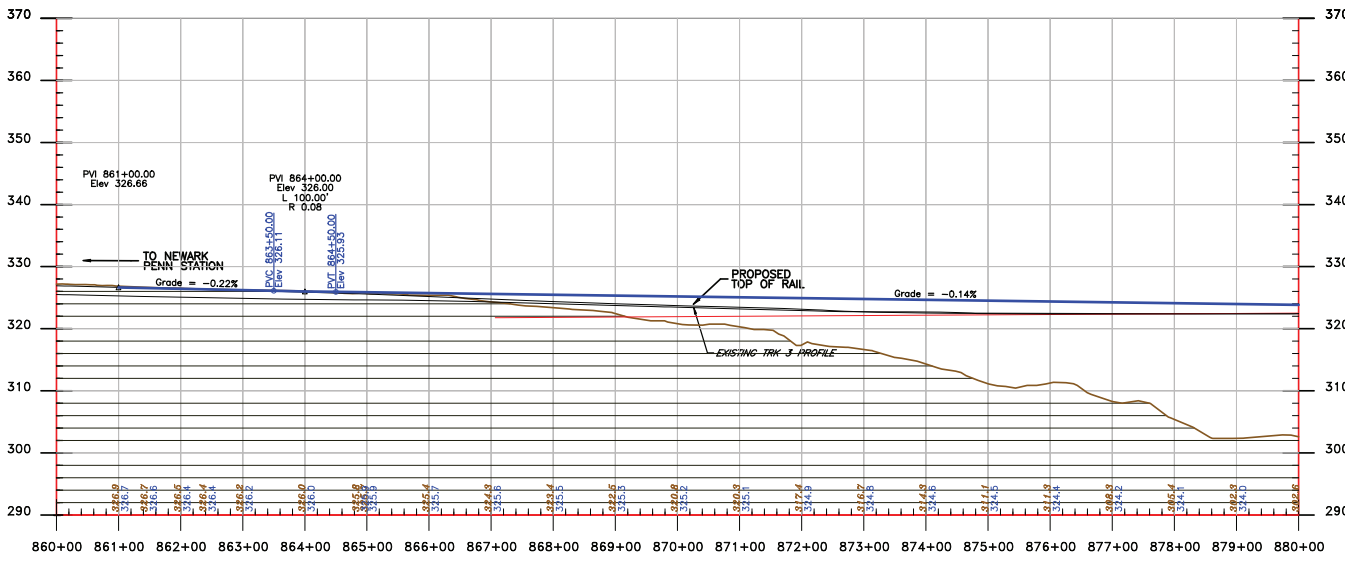

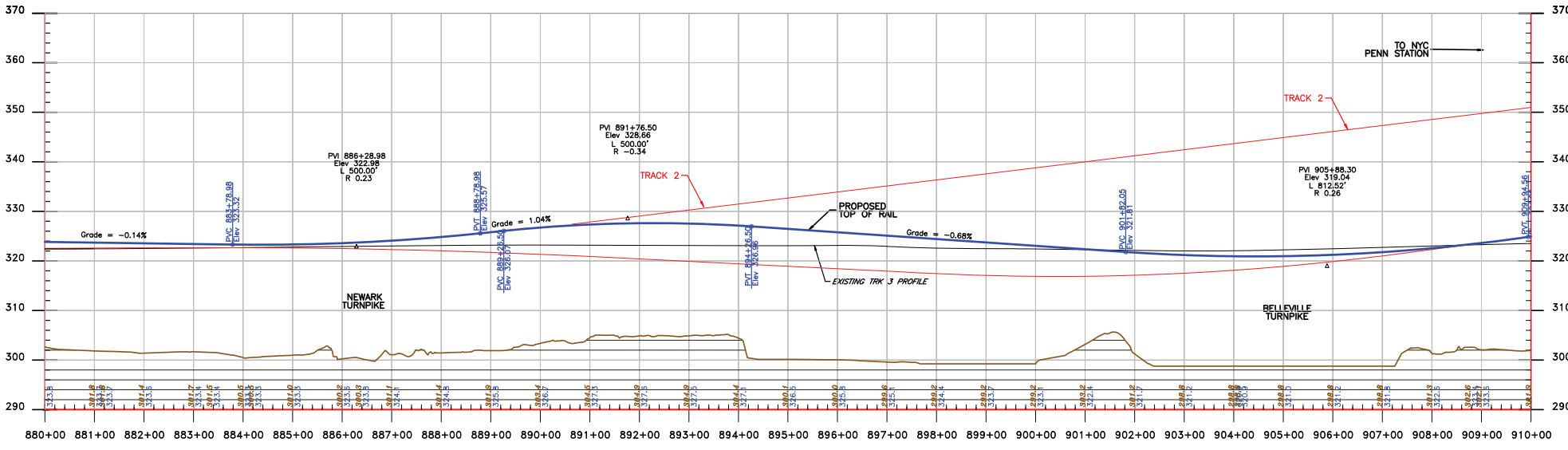

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PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE DS

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EXISTING ALIGNMENT
PROFILE TRACK 5

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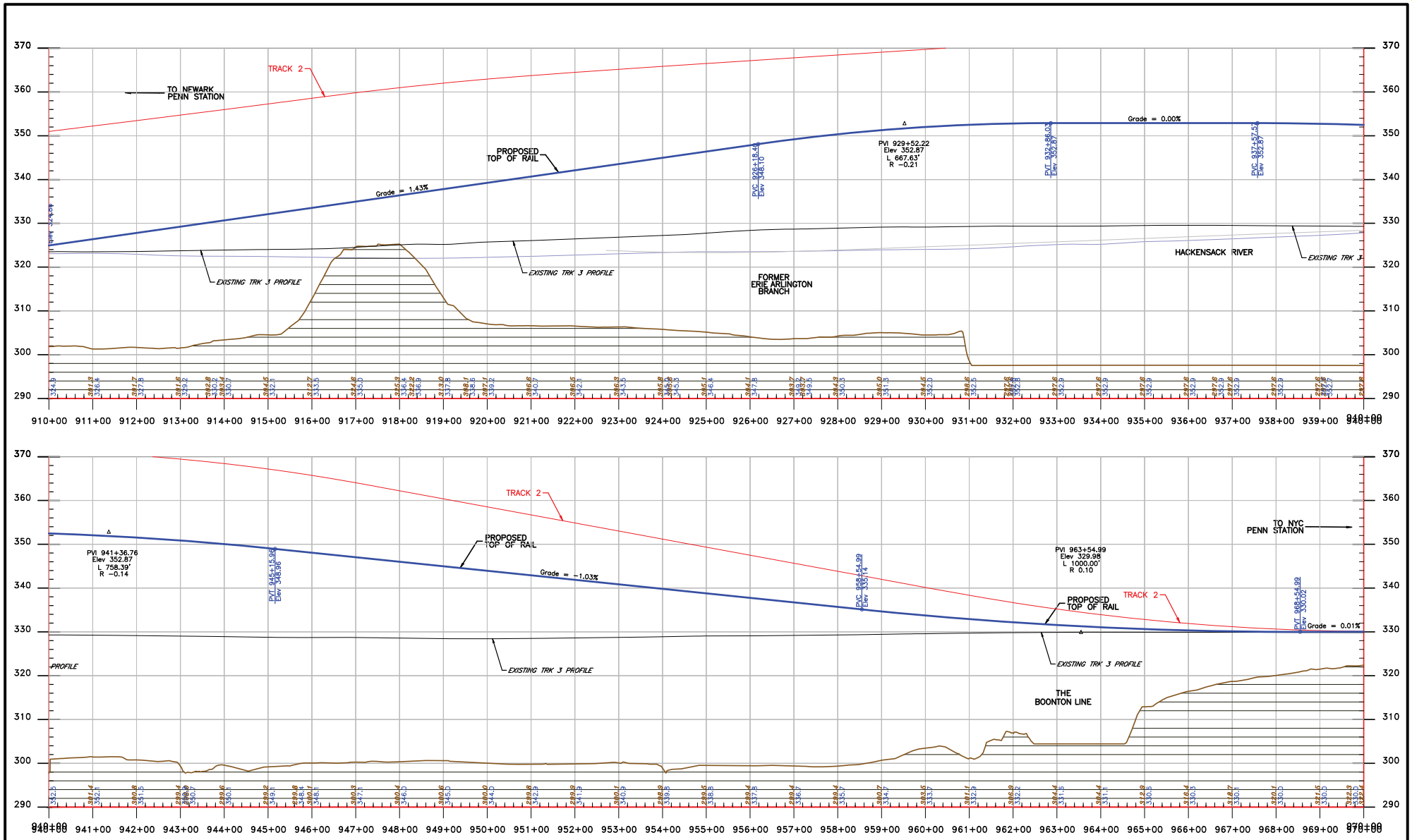

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CAPACITY ENHANCEMENT

ALTERNATIVE DS

ALTERNATIVE ON
EXISTING ALIGNMENT
PROFILE TRACK 5

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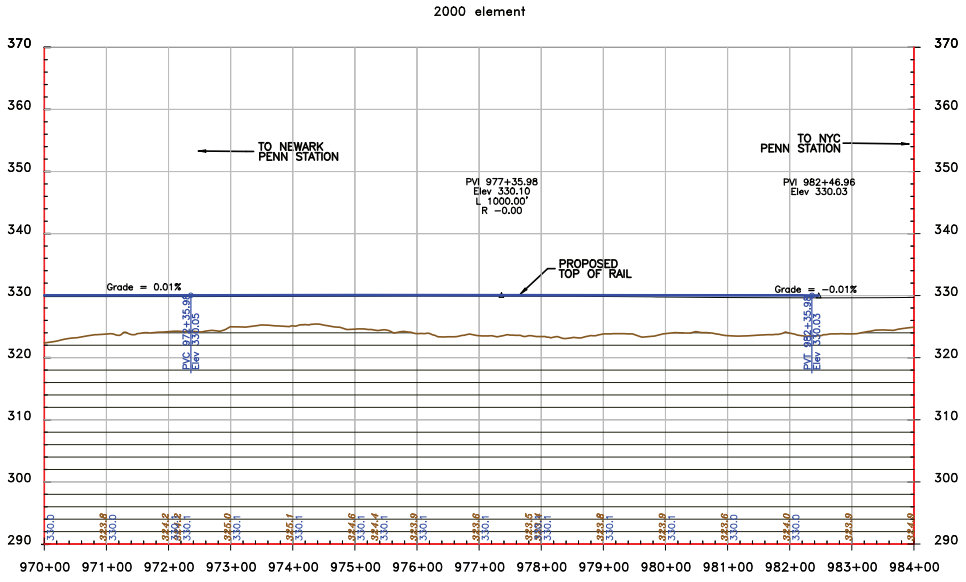

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PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE DS

ALTERNATIVE ON
EXISTING ALIGNMENT
PROFILE TRACK 5

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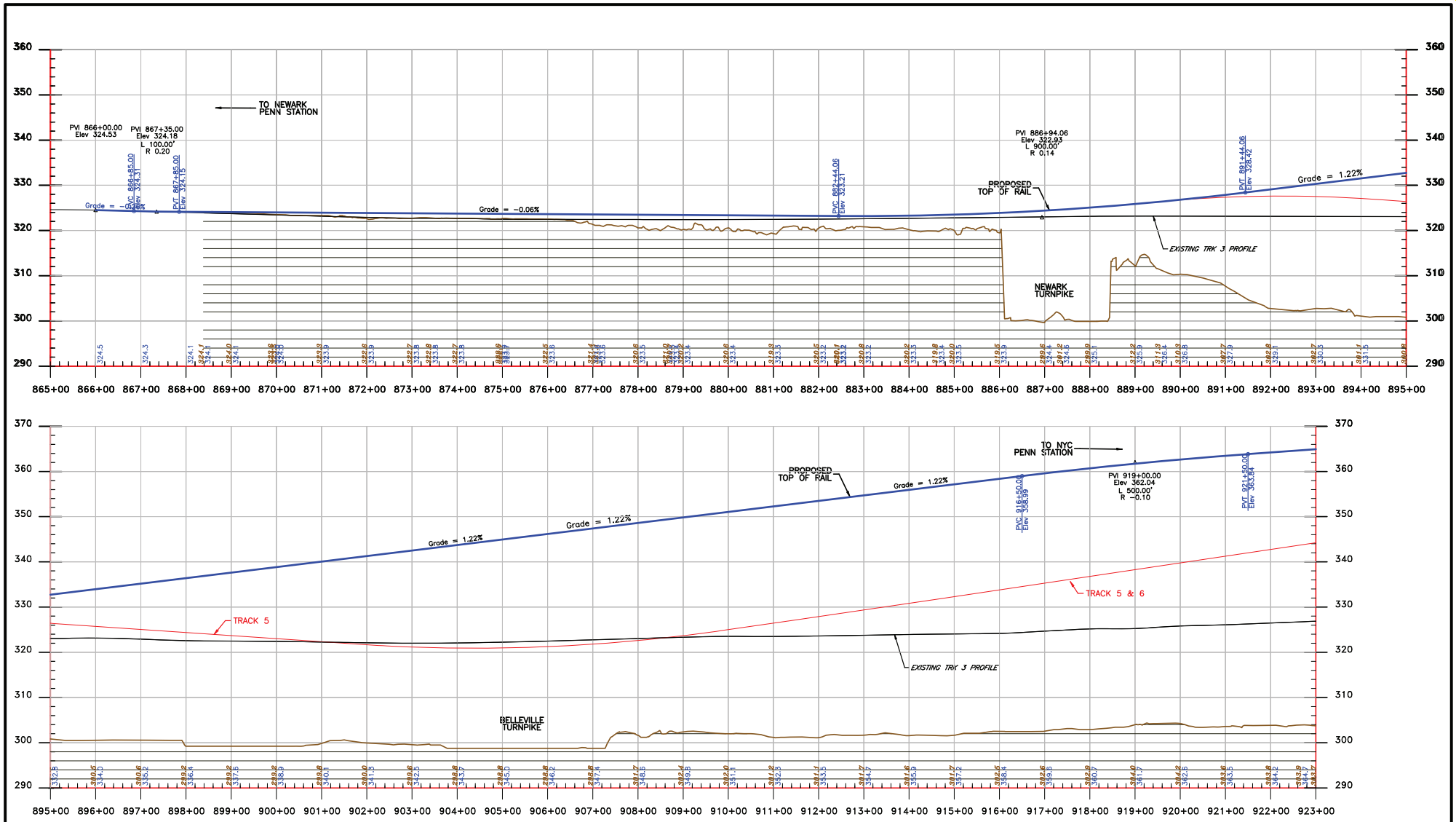

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PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE DS

ALTERNATIVE ON
EXISTING ALIGNMENT
PROFILE TRACK 4

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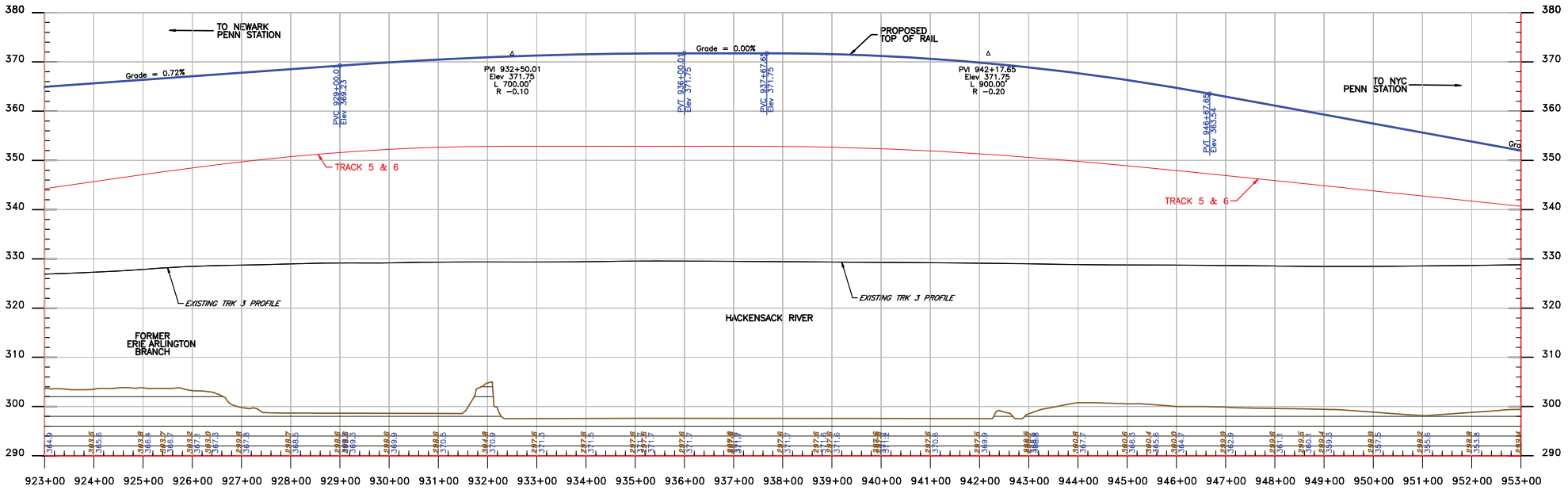

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CAPACITY ENHANCEMENT

ALTERNATIVE DS

ALTERNATIVE ON EXISTING ALIGNMENT PROFILE TRACK 4

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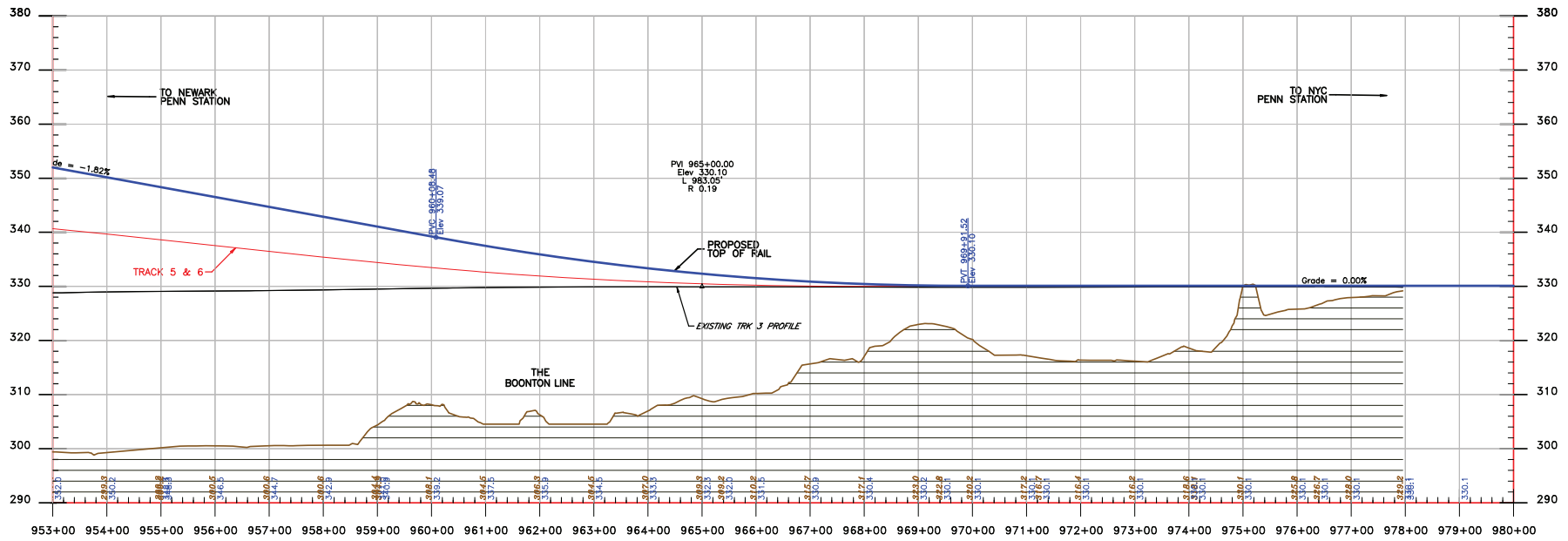

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PORTAL BRIDGE
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ALTERNATIVE DS

ALTERNATIVE ON
EXISTING ALIGNMENT
PROFILE TRACK 4

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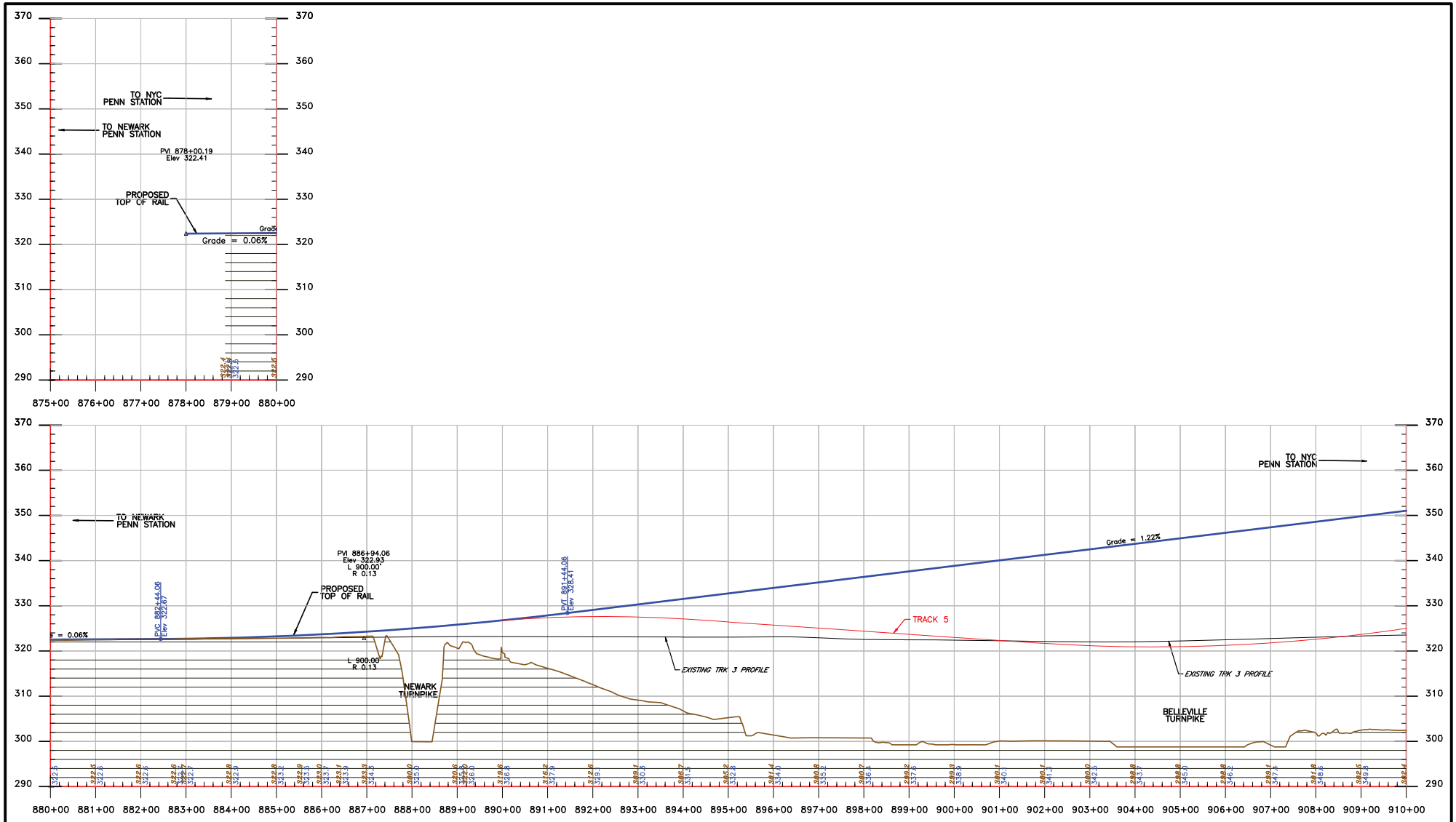

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No.	Date	Chkd.	Revision Notes		

NJ TRANSIT

AMTRAK

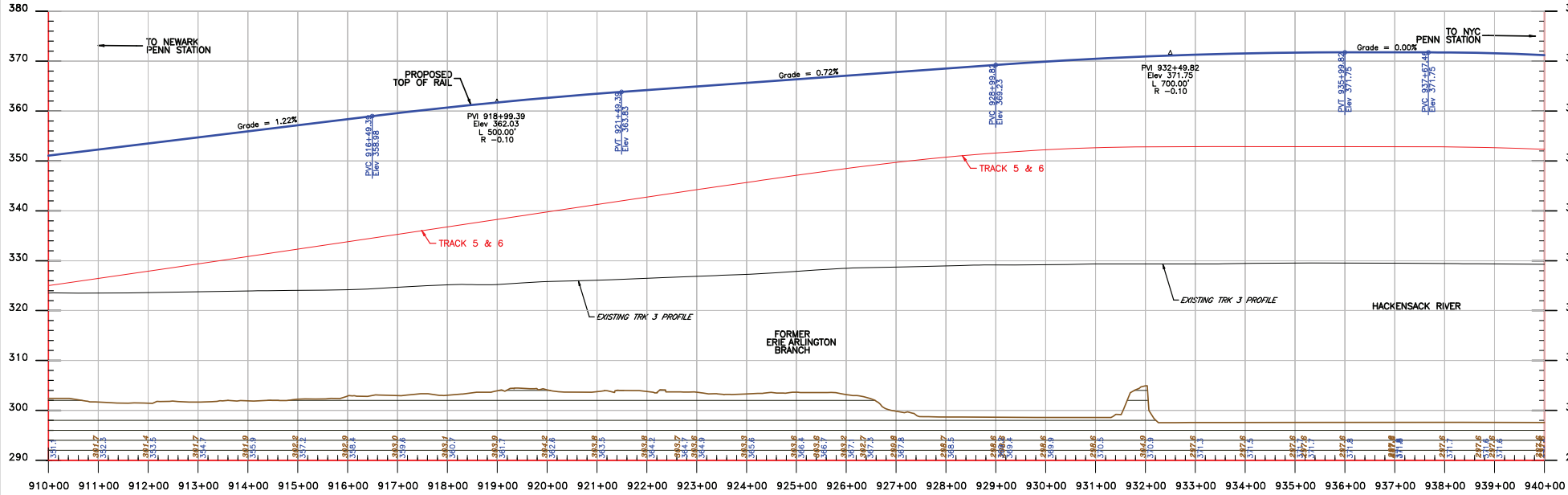
PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE DS

ALTERNATIVE ON
EXISTING ALIGNMENT
PROFILE TRACK 3

Exhibit

4_12S_TRACK 3



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NJ TRANSIT

AMTRAK

PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE DS

ALTERNATIVE ON EXISTING ALIGNMENT PROFILE TRACK 3

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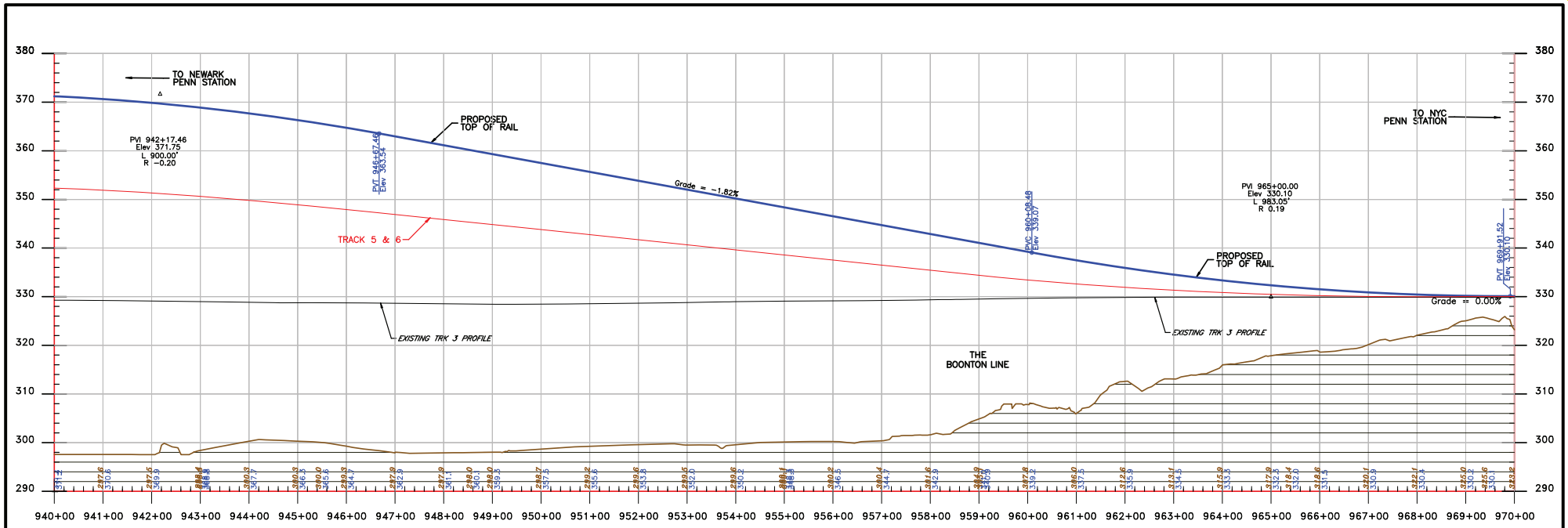

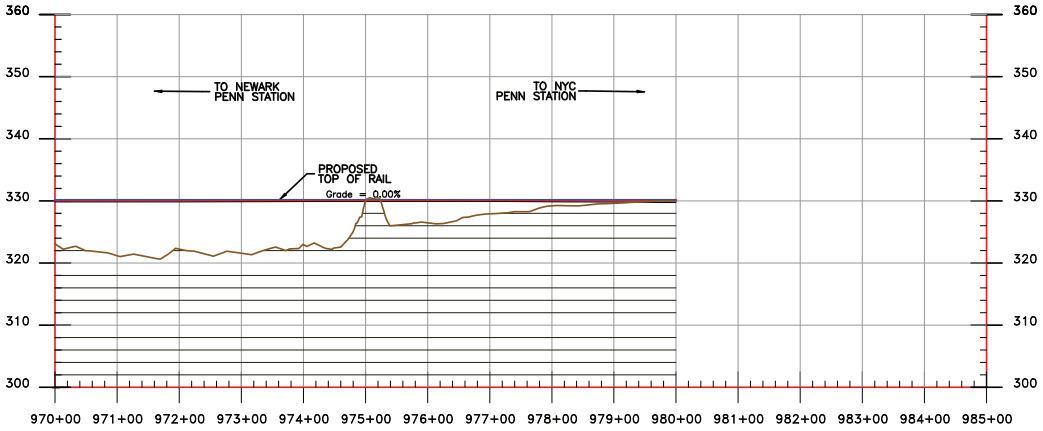

No.	Date	Chkd.	Revision Notes

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PORTAL BRIDGE
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ALTERNATIVE DS

ALTERNATIVE ON
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PROFILE TRACK 3

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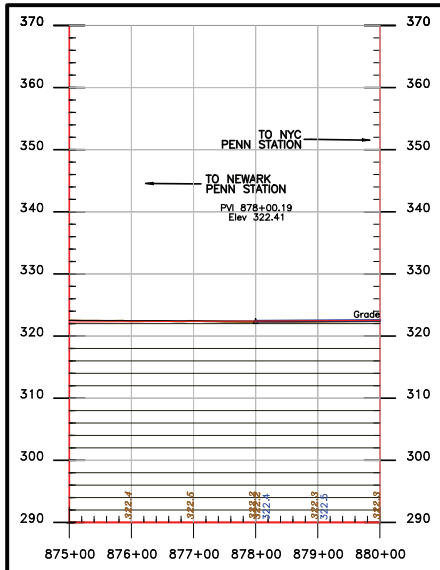

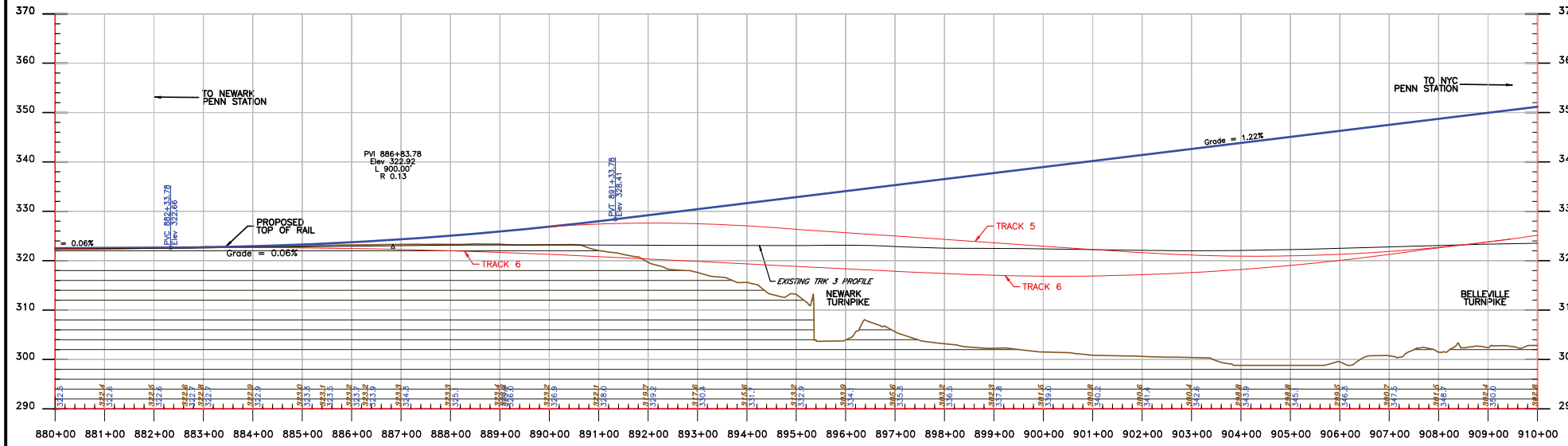

No.	Date	Chkd.	Revision Notes

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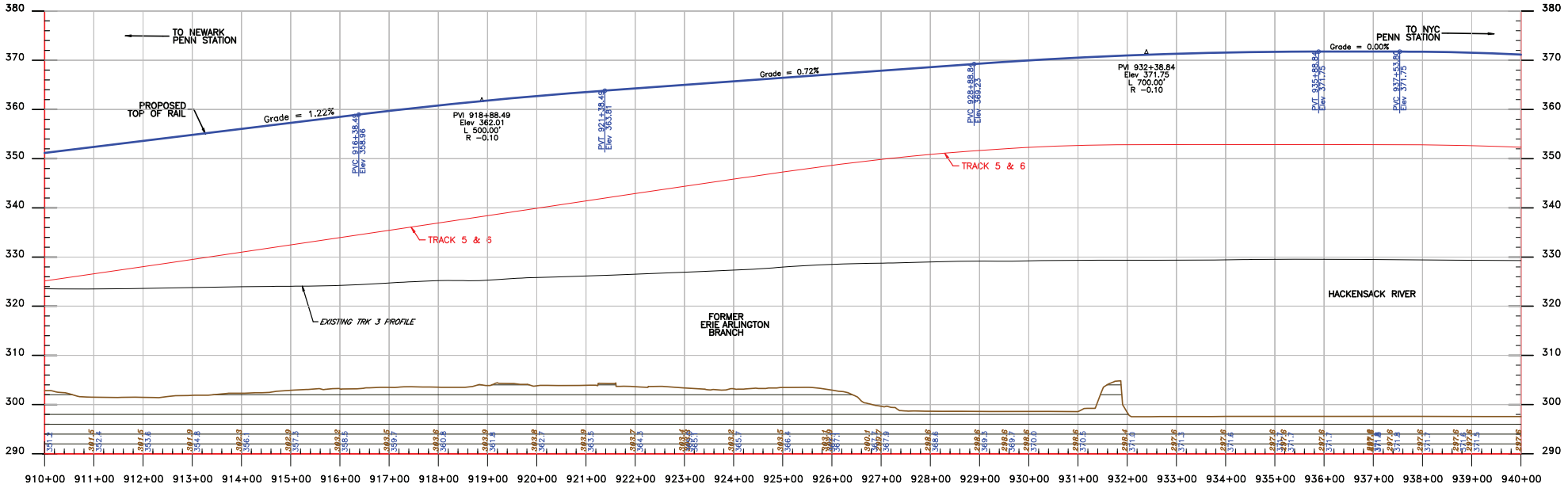
PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE DS

ALTERNATIVE ON
EXISTING ALIGNMENT
PROFILE TRACK 2

Exhibit

4_12S_TRACK 2



No.	Date	Chkd.	Revision Notes

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PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE DS

ALTERNATIVE ON EXISTING ALIGNMENT PROFILE TRACK 2

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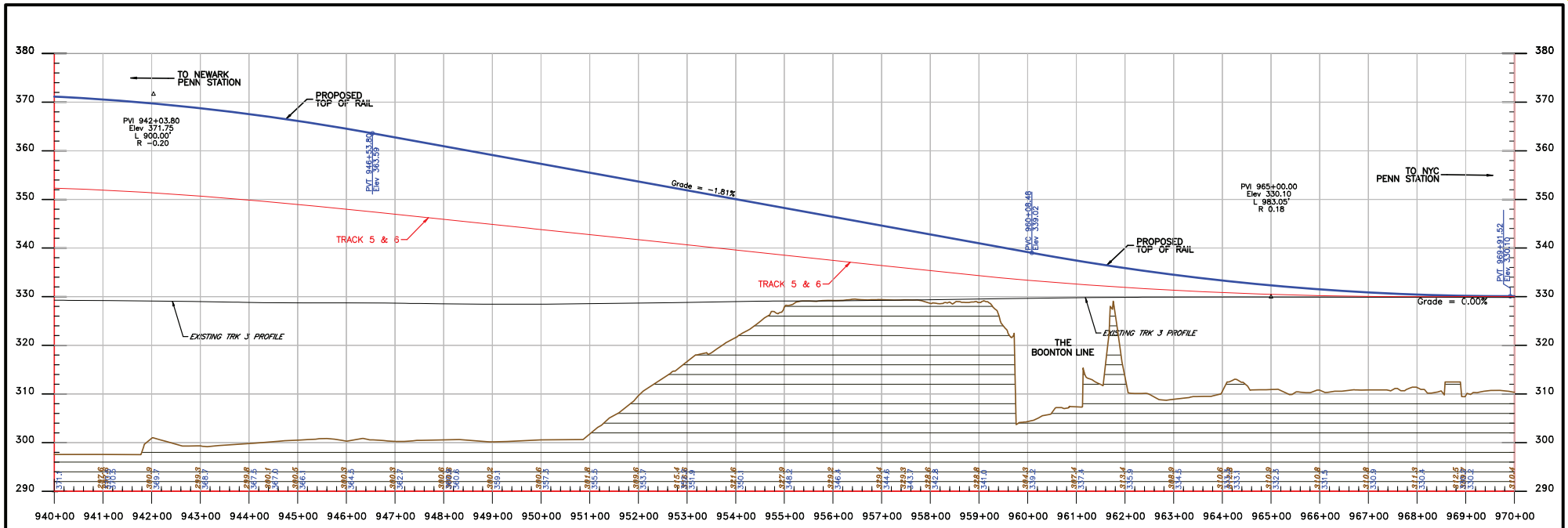

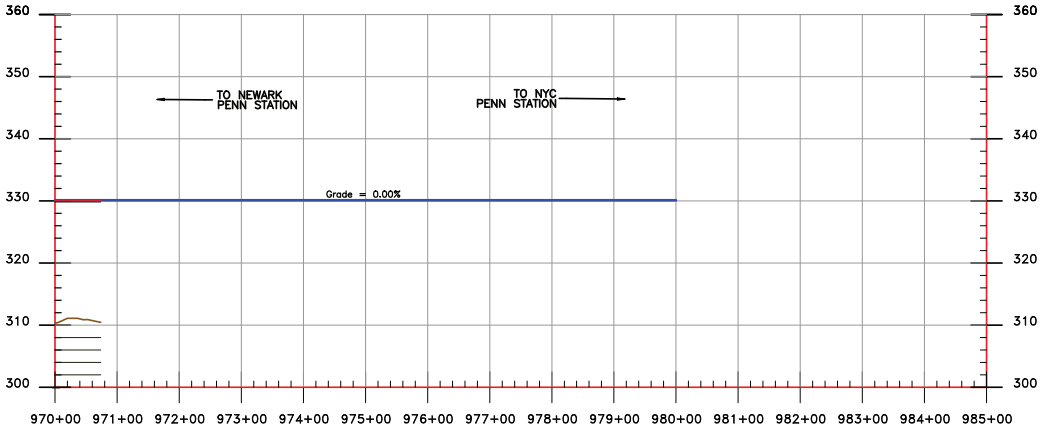

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PORTAL BRIDGE
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ALTERNATIVE ON
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PROFILE TRACK 2

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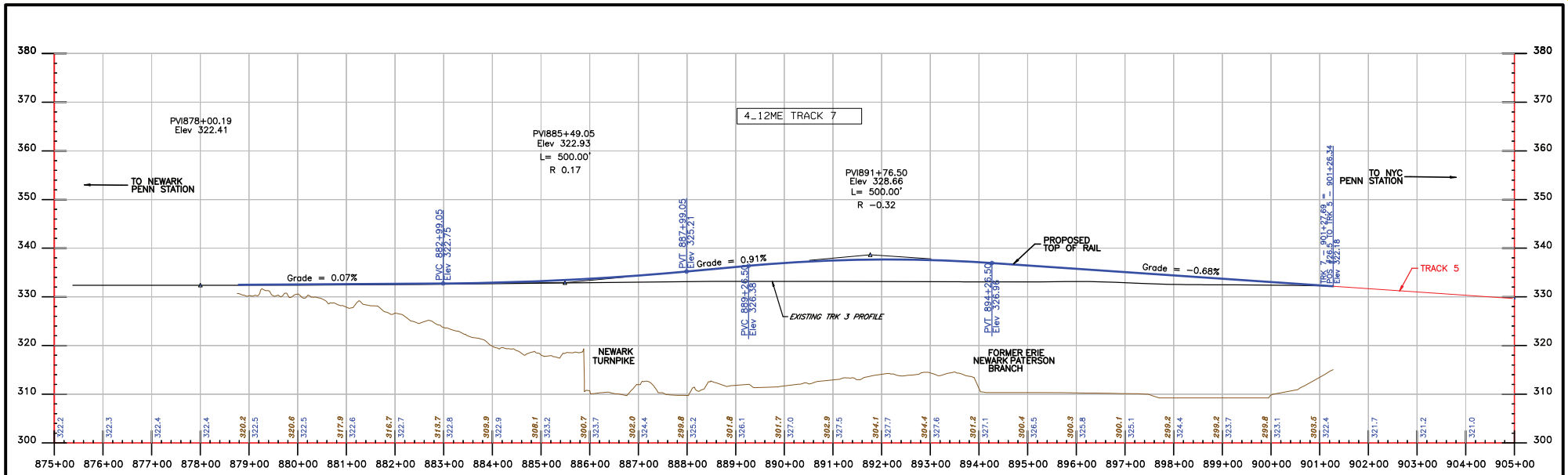

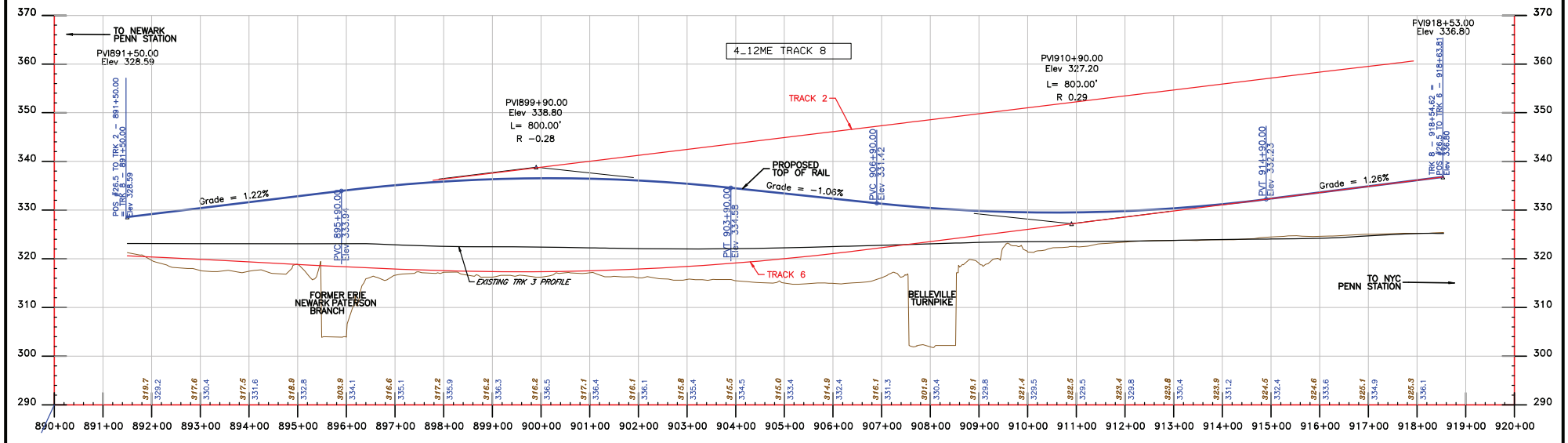

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				Scale	HOR:1"=100' VERT:1"=10'
No.	Date	Chkd.	Revision Notes		

NJ TRANSIT

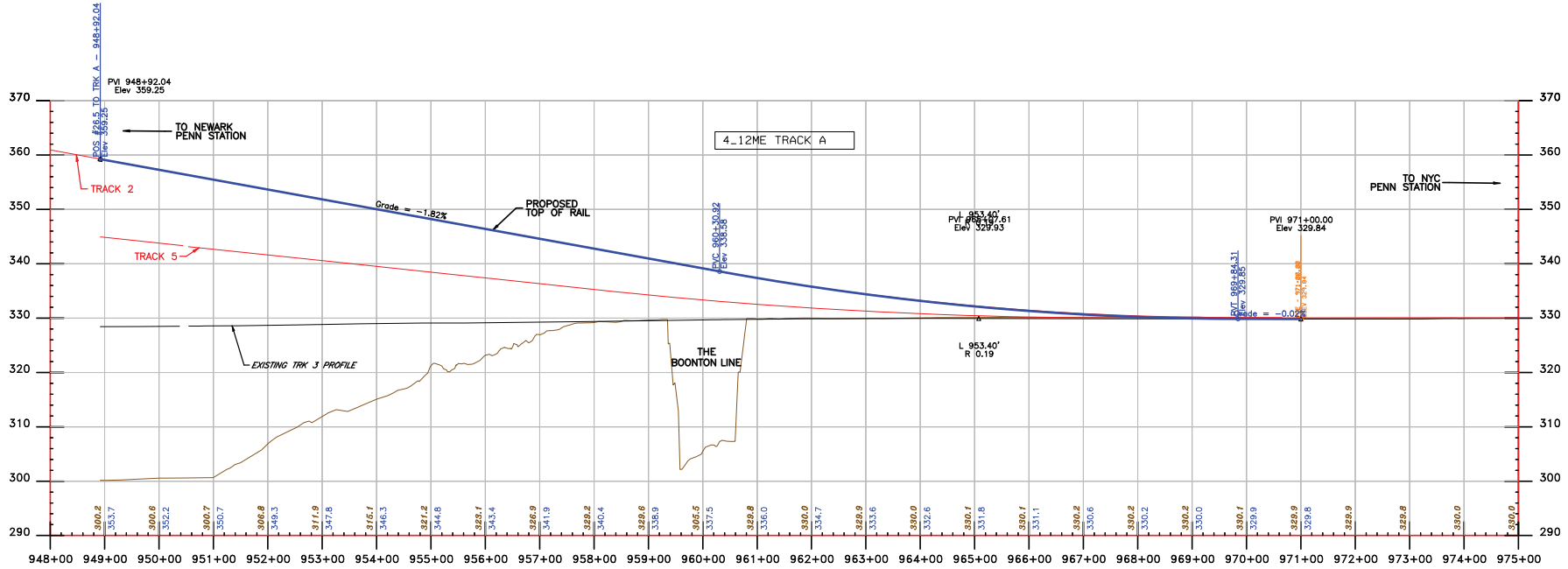
AMTRAK

PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE DS

ALTERNATIVE ON
EXISTING ALIGNMENT
PROFILES TRACK 7 & 8

Exhibit



No.	Date	Chkd.	Revision Notes

Date DEC 27, 2007
Des.
Dwn.
Chkd.
Apprvd.
Scale HOR:1"=100'
VERT:1"=10'

NJ TRANSIT

AMTRAK

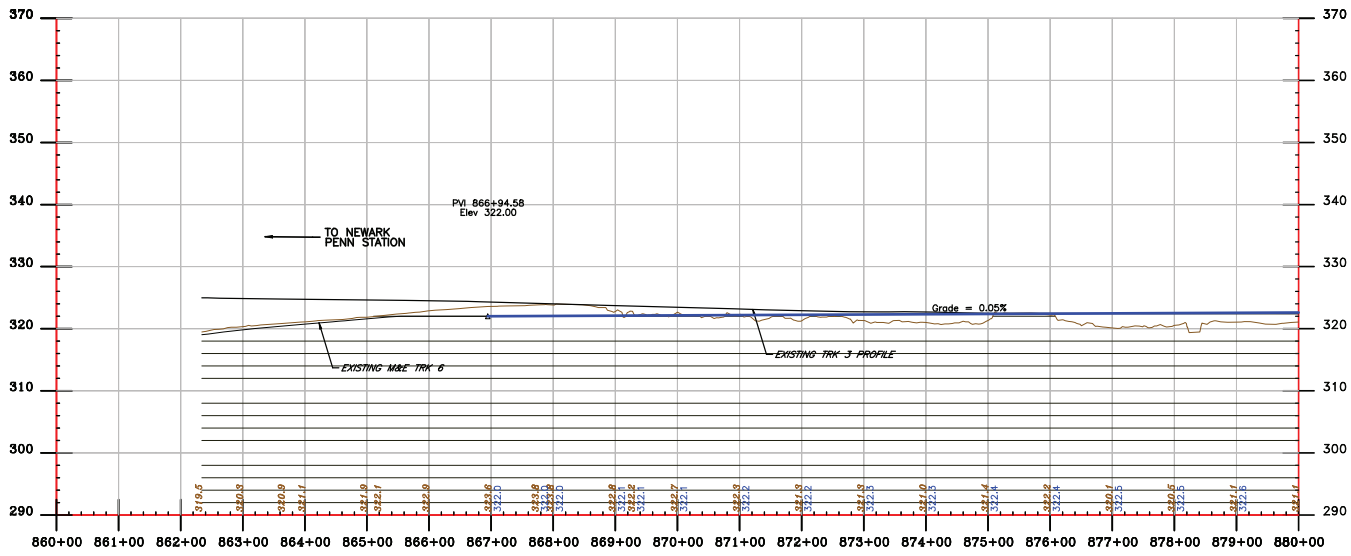
PORTAL BRIDGE
CAPACITY ENHANCEMENT

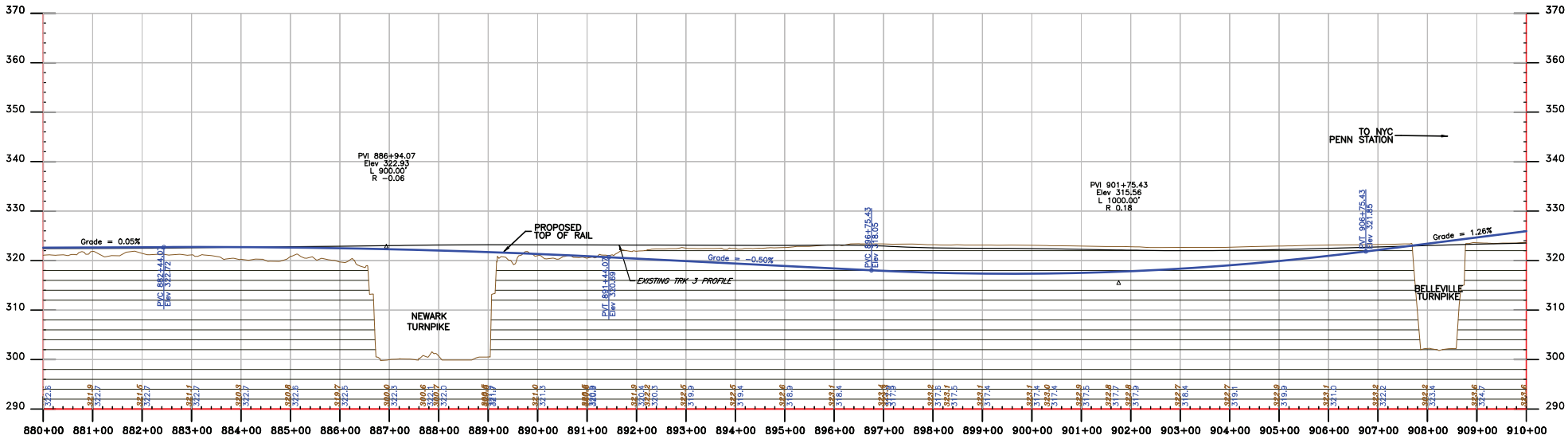
ALTERNATIVE DS

ALTERNATIVE ON EXISTING ALIGNMENT PROFILE TRACK A

Exhibit

Alternative DE





No.	Date	Chkd.	Revision Notes

Date	DEC 27, 2007
Des.	
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Apprvd.	
Scale	HOR:1"=100' VERT:1"=10'

NJ TRANSIT

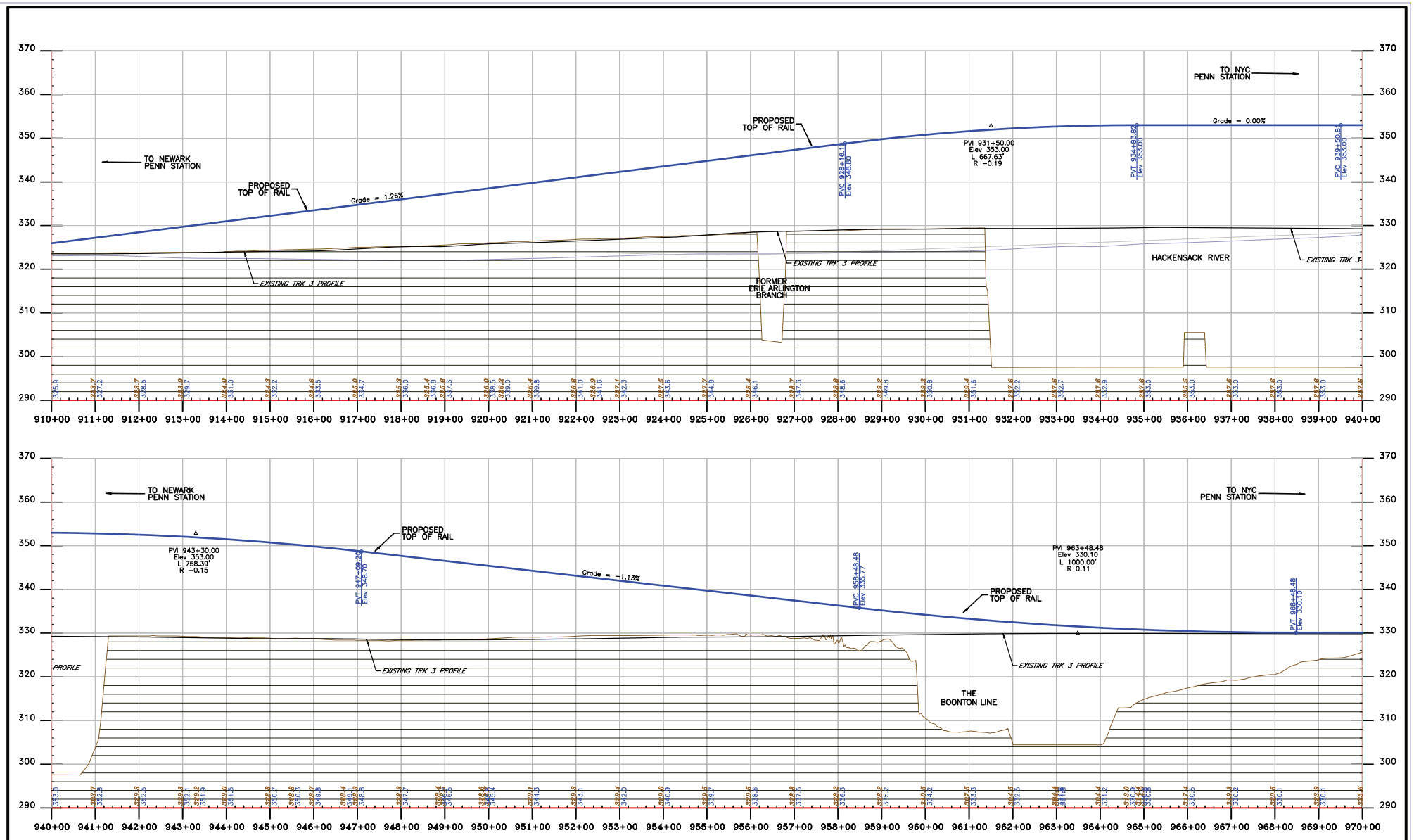
AMTRAK

PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE DE

ALTERNATIVE ON
EXISTING ALIGNMENT
PROFILE TRACK 6

Exhibit



No.	Date	Chkd.	Revision Notes

Date	DEC 27, 2007
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NJ TRANSIT

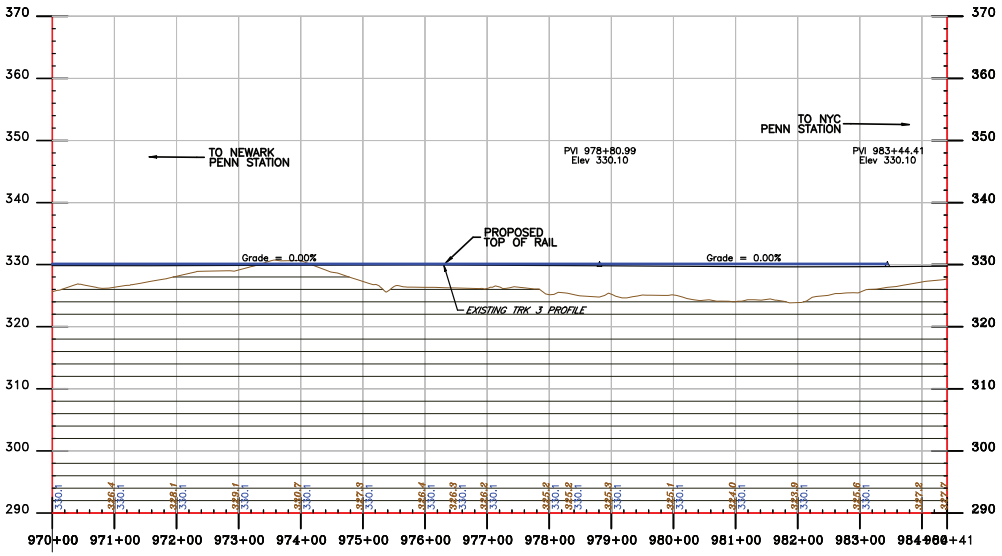
AMTRAK

PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE DE

ALTERNATIVE ON
EXISTING ALIGNMENT
PROFILE TRACK 6

Exhibit



No.	Date	Chkd.	Revision Notes

Date	DEC 27, 2007
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Scale	HOR:1"=100' VERT:1"=10'

NJ TRANSIT

AMTRAK

PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE DE

ALTERNATIVE ON
EXISTING ALIGNMENT
PROFILE TRACK 6

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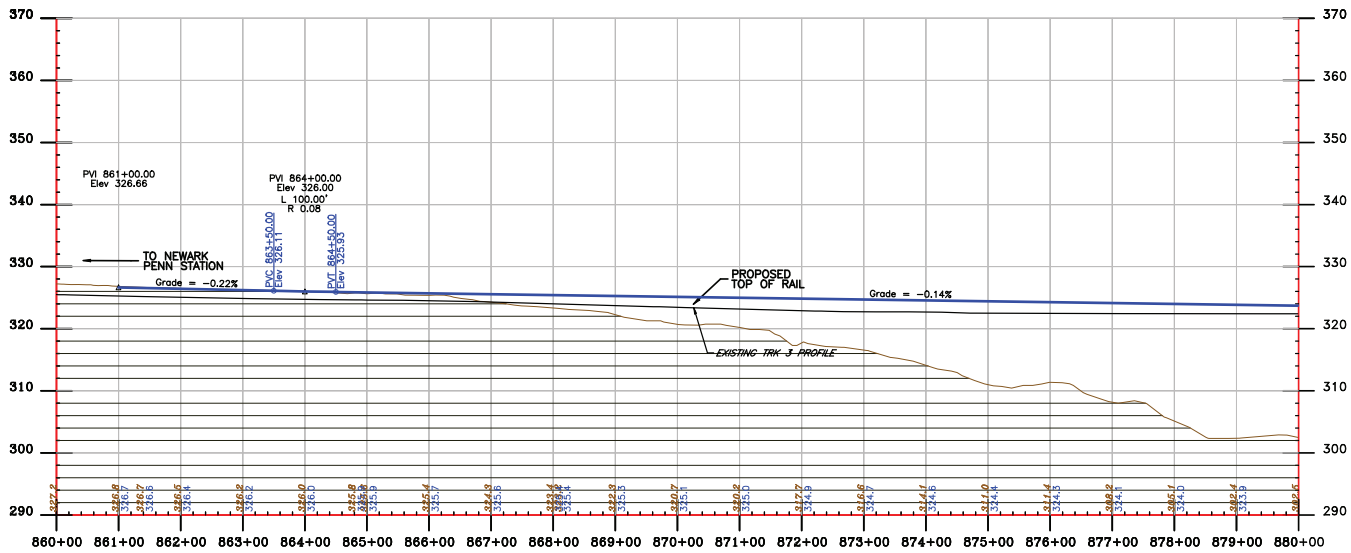

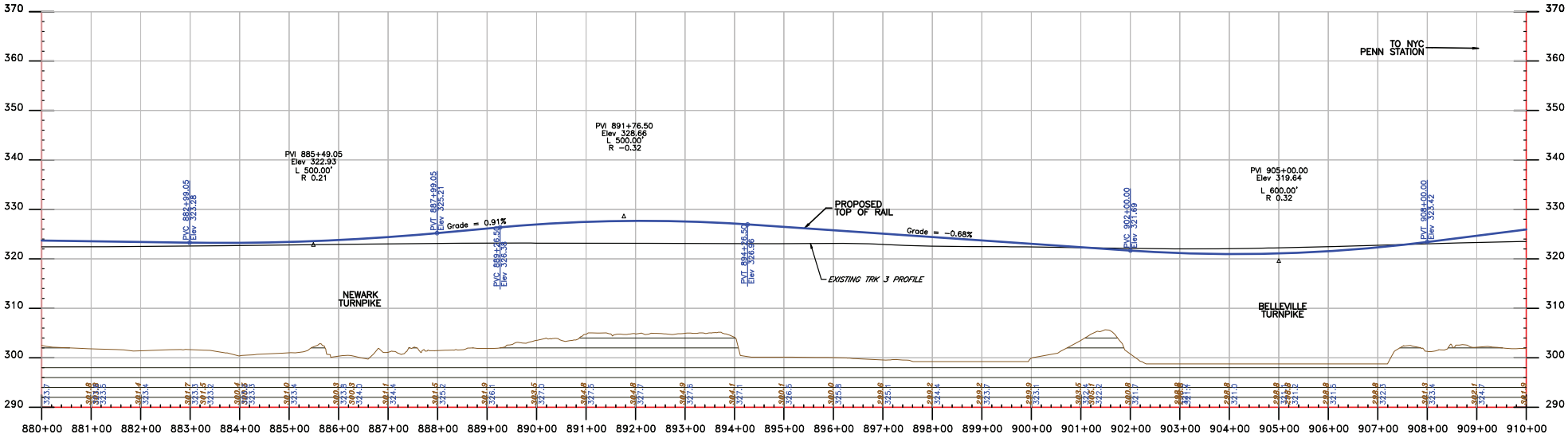

No.	Date	Chkd.	Revision Notes

Date	DEC 27, 2007
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Scale	HOR:1"=100' VERT:1"=10'

NJ TRANSIT

AMTRAK

PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE DE

ALTERNATIVE ON
EXISTING ALIGNMENT
PROFILE TRACK 5

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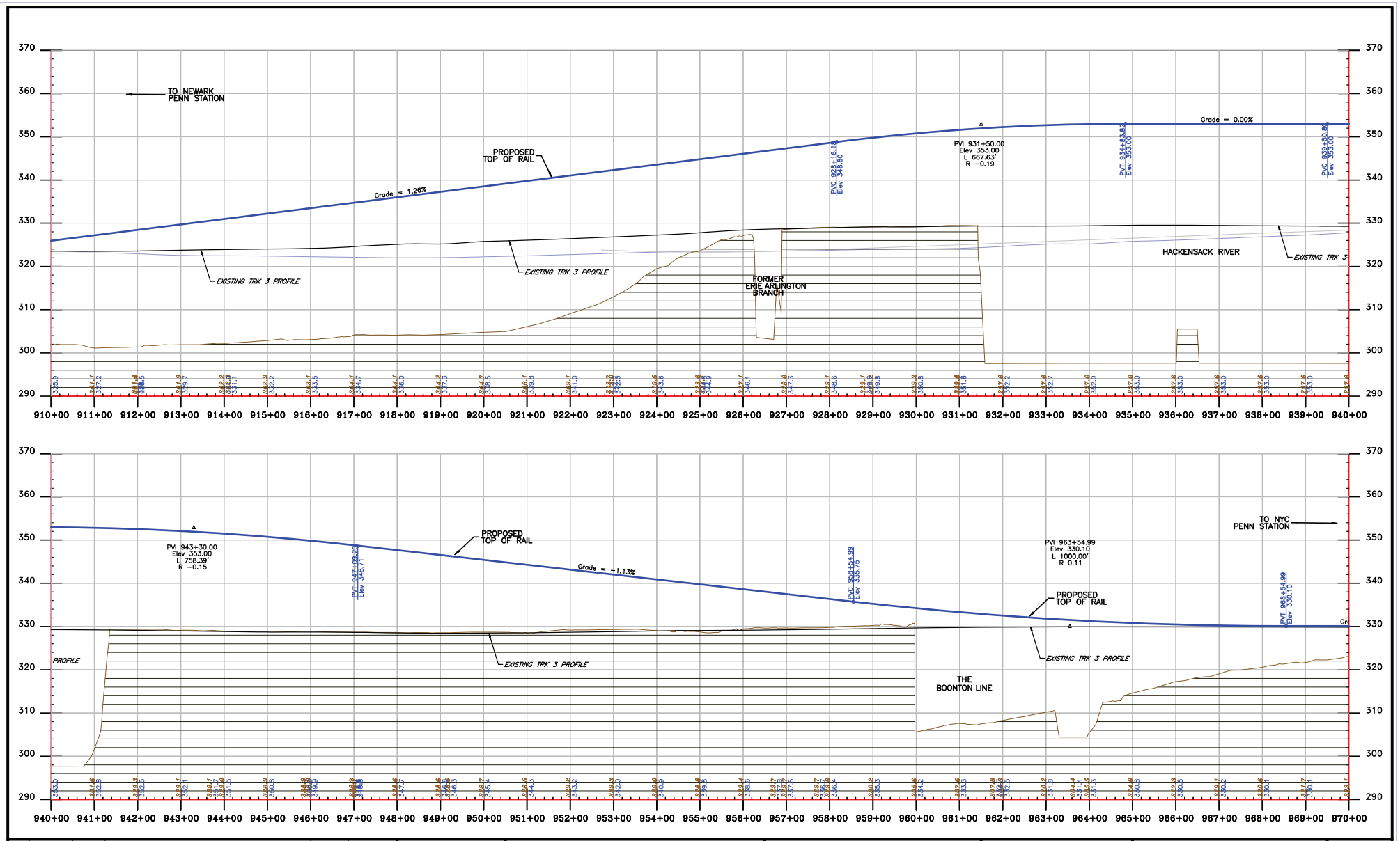

No.	Date	Chkd.	Revision Notes

Date	DEC 27, 2007
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Apprvd.	
Scale	HOR:1"=100' VERT:1"=10'

NJ TRANSIT

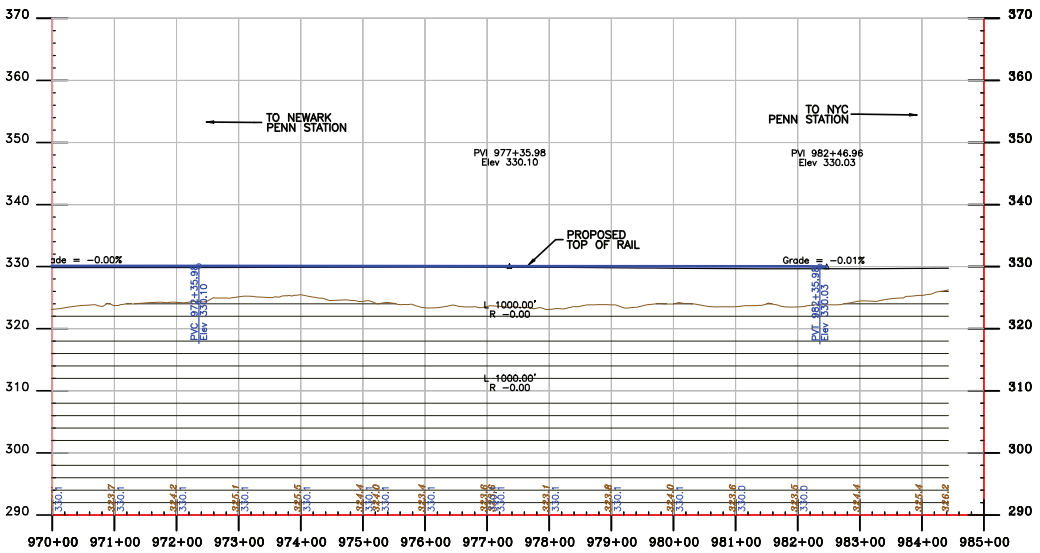
AMTRAK

PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE DE

ALTERNATIVE ON
EXISTING ALIGNMENT
PROFILE TRACK 5

Exhibit



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				Date	DEC 27, 2007
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				Chkd.	
				Apprvd.	
				Scale	HOR:1"=100' VERT:1"=10'

NJ TRANSIT

AMTRAK

PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE DE

ALTERNATIVE ON
EXISTING ALIGNMENT
PROFILE TRACK 5

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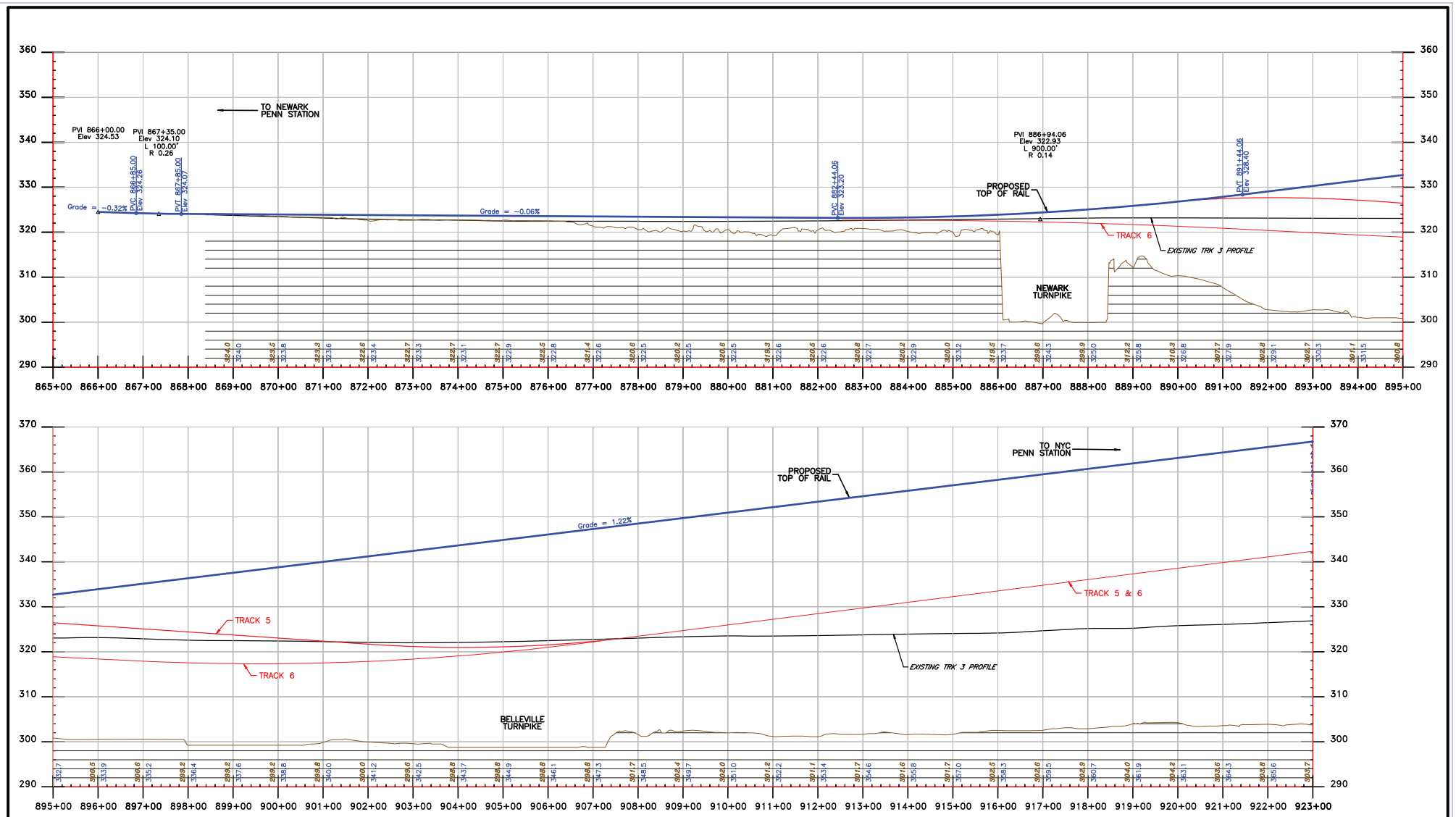

No.	Date	Chkd.	Revision Notes

Date DEC 27, 2007
Des.
Dwn.
Chkd.
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Scale HOR:1"=100'
VERT:1"=10'

NJ TRANSIT

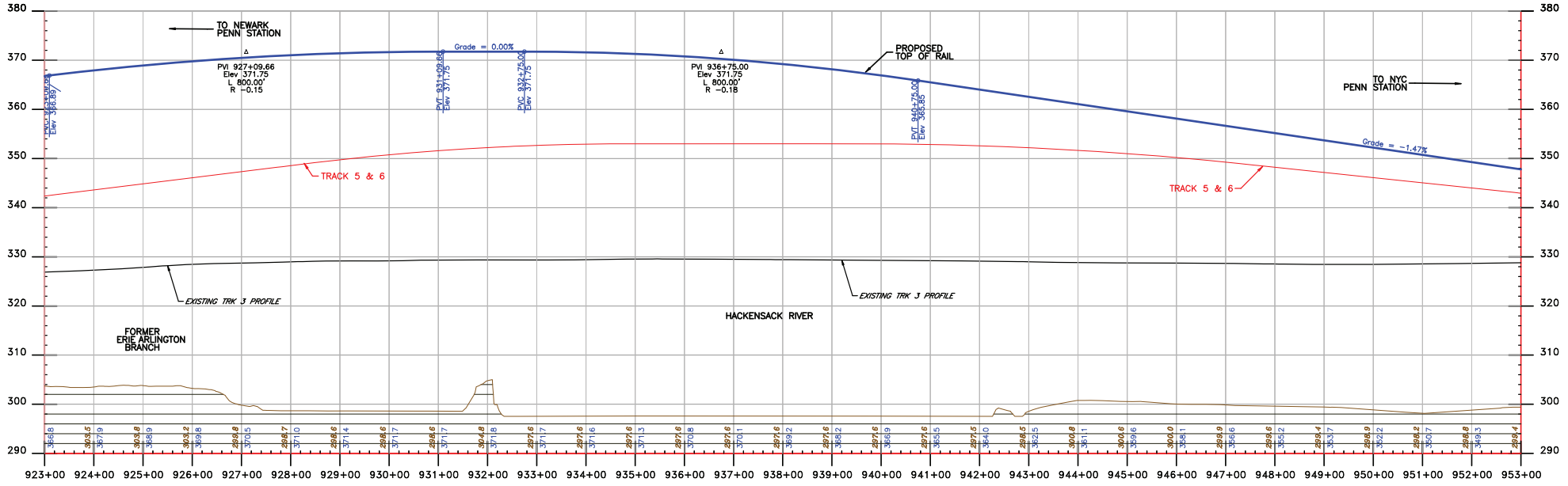
AMTRAK

PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE DE

ALTERNATIVE ON
EXISTING ALIGNMENT
PROFILE TRACK 4

Exhibit



No.	Date	Chkd.	Revision Notes

Date	DEC 27, 2007
Des.	
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Chkd.	
Apprvd.	
Scale	HOR:1"=100' VERT:1"=10'

NJ TRANSIT

AMTRAK

PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE DE

ALTERNATIVE ON
EXISTING ALIGNMENT
PROFILE TRACK 4

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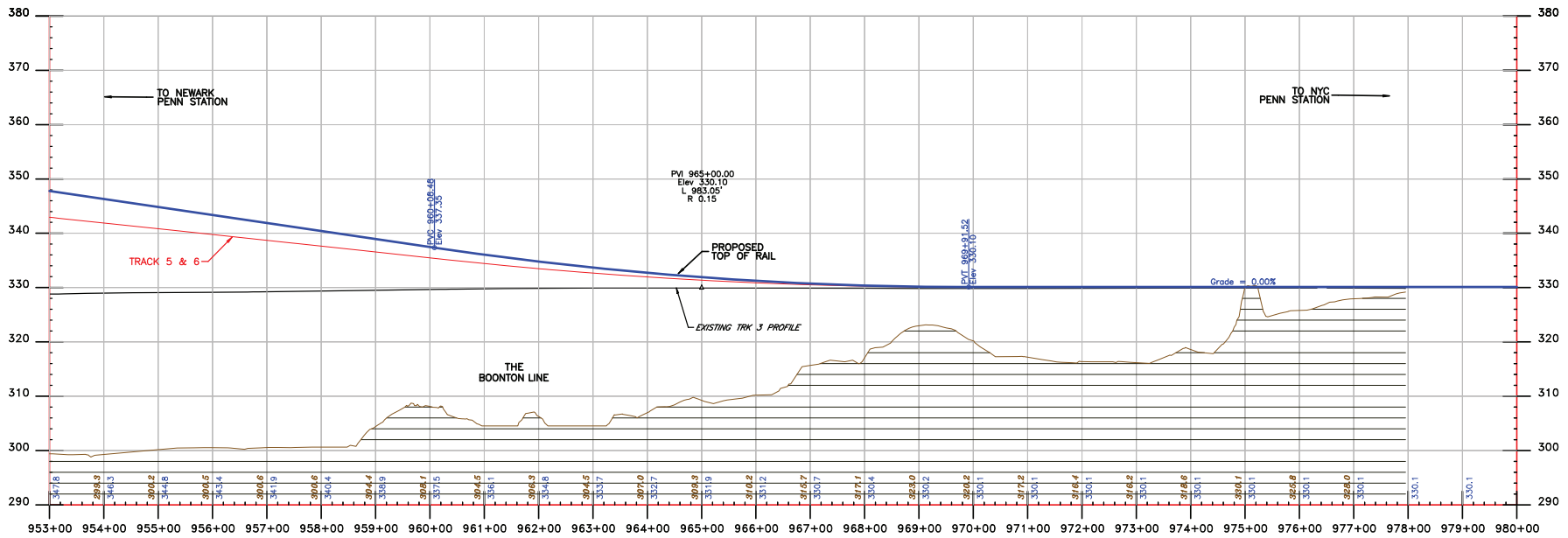

No.	Date	Chkd.	Revision Notes

Date	DEC 27, 2007
Des.	
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Apprvd.	
Scale	HOR:1"=100' VERT:1"=10'

NJ TRANSIT

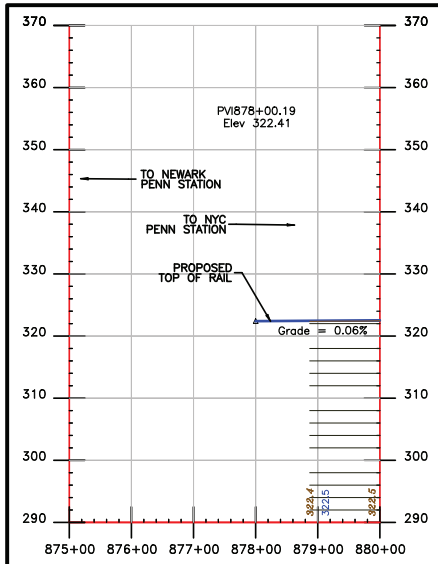
AMTRAK

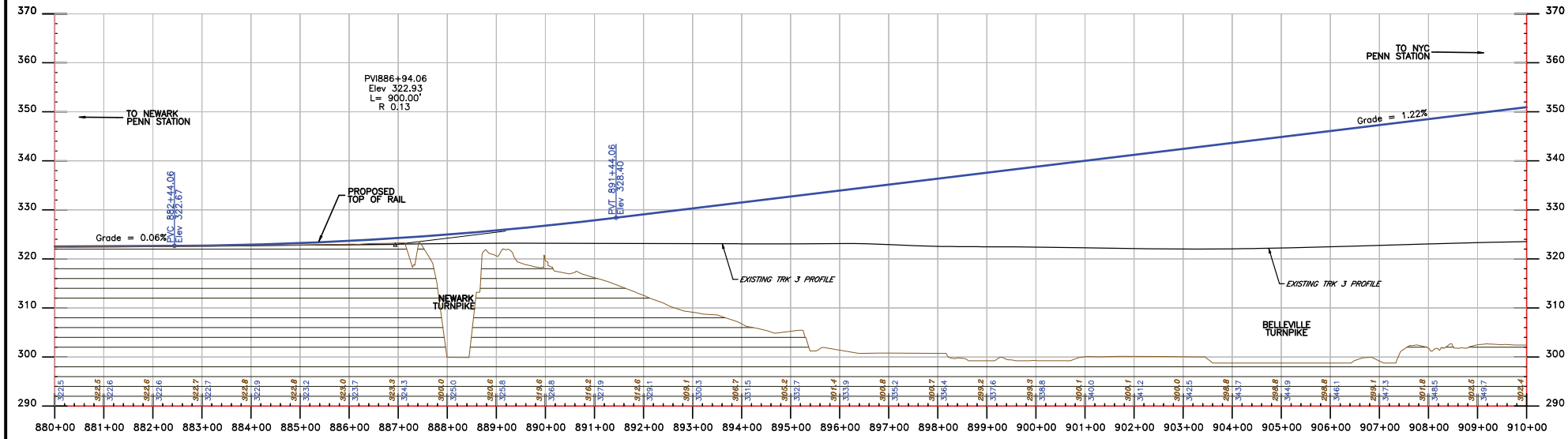
PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE DE

ALTERNATIVE ON
EXISTING ALIGNMENT
PROFILE TRACK 4

Exhibit





No.	Date	Chkd.	Revision Notes

Date	DEC 27, 2007
Des.	
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Apprvd.	
Scale	HOR:1"=100' VERT:1"=10'

NJ TRANSIT

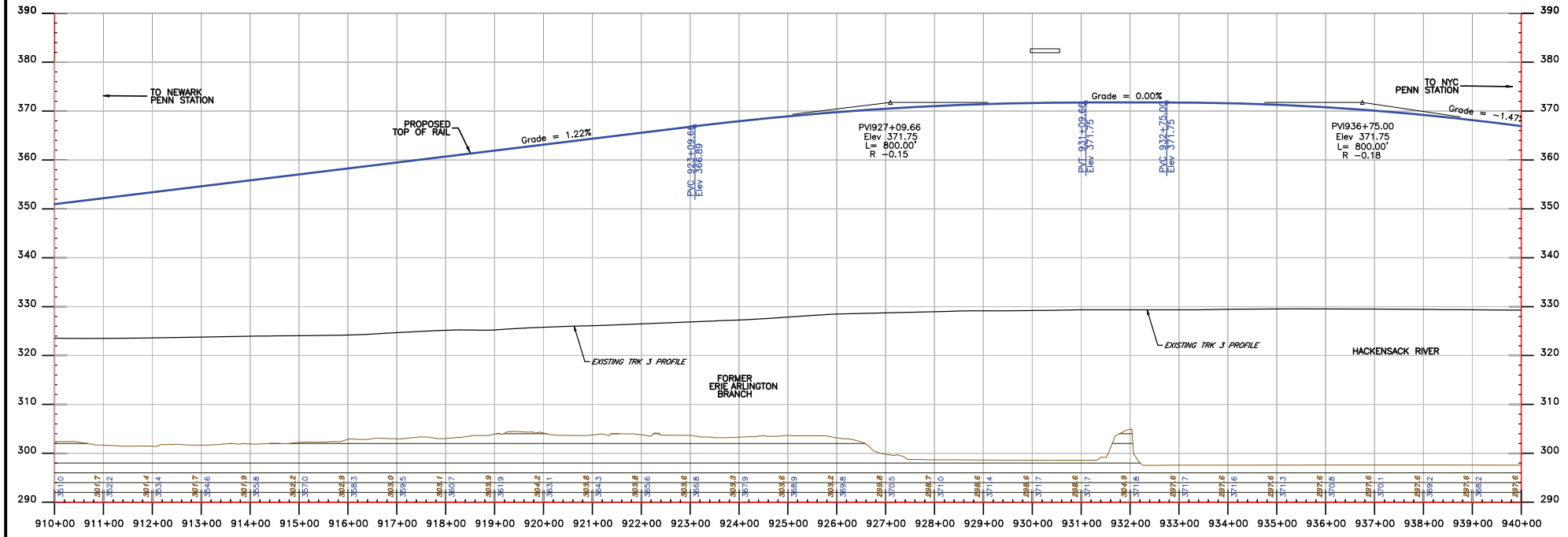
AMTRAK

PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE DE

ALTERNATIVE ON
EXISTING ALIGNMENT
PROFILE TRACK 3

Exhibit



No.	Date	Chkd.	Revision Notes

Date	DEC 27, 2007
Des.	
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Scale	HOR:1"=100' VERT:1"=10'

NJ TRANSIT

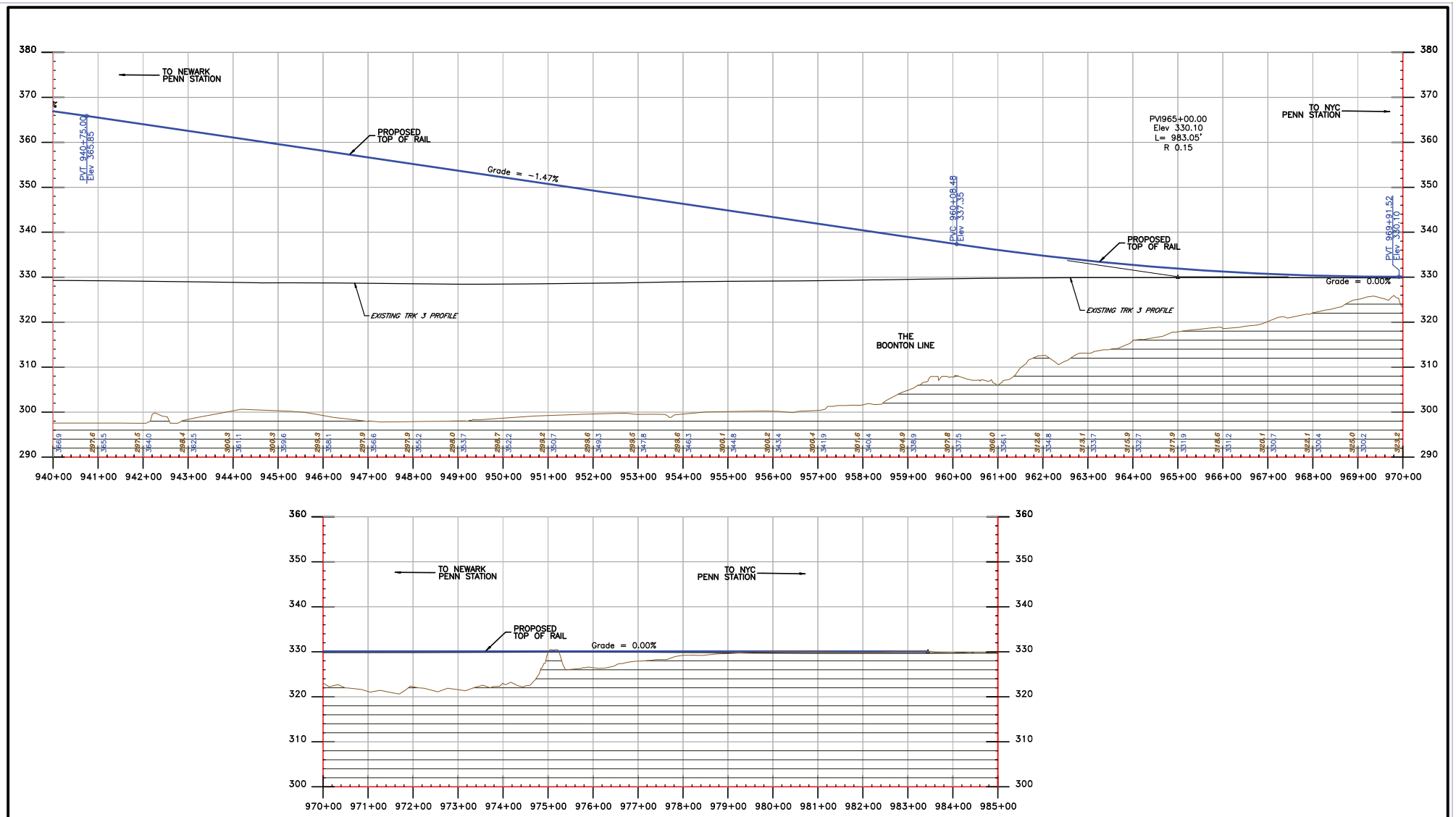
AMTRAK

PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE DE

ALTERNATIVE ON
EXISTING ALIGNMENT
PROFILE TRACK 3

Exhibit



No.	Date	Chkd.	Revision Notes

Date DEC 27, 2007
Des.
Dwn.
Chkd.
Apprvd.
Scale HOR:1"=100'
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NJ TRANSIT

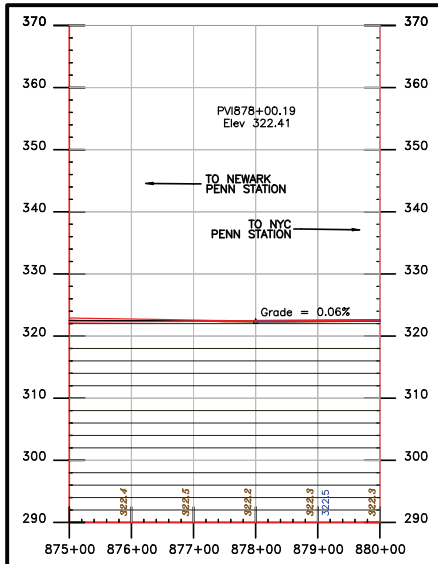
AMTRAK

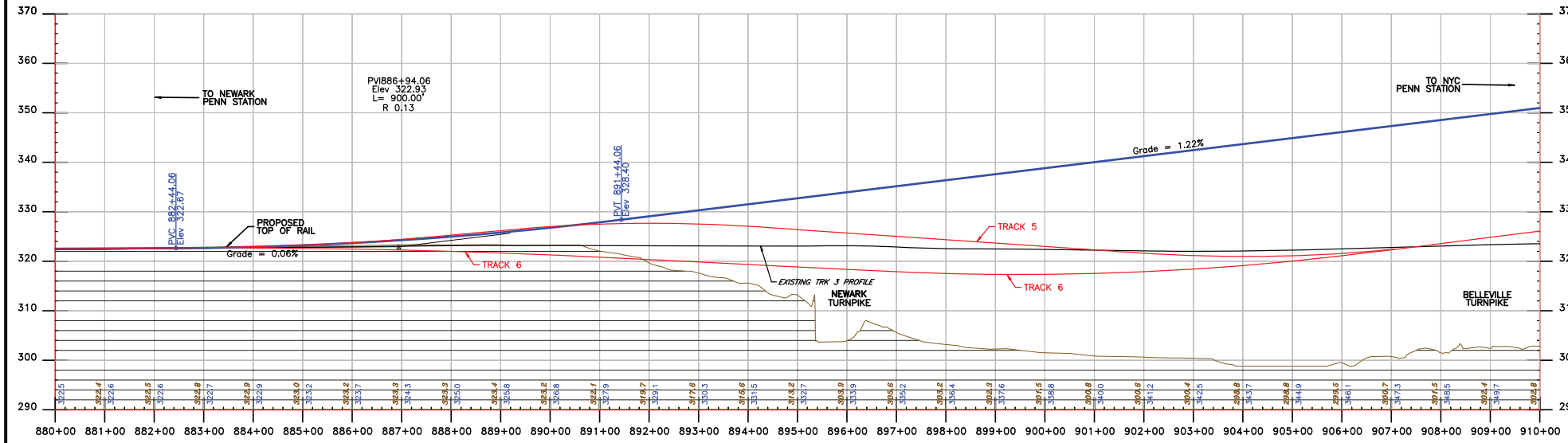
PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE DE

ALTERNATIVE ON
EXISTING ALIGNMENT
PROFILE TRACK 3

Exhibit





No.	Date	Chkd.	Revision Notes

Date	DEC 27, 2007
Des.	
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Scale	HOR:1"=100' VERT:1"=10'

NJ TRANSIT

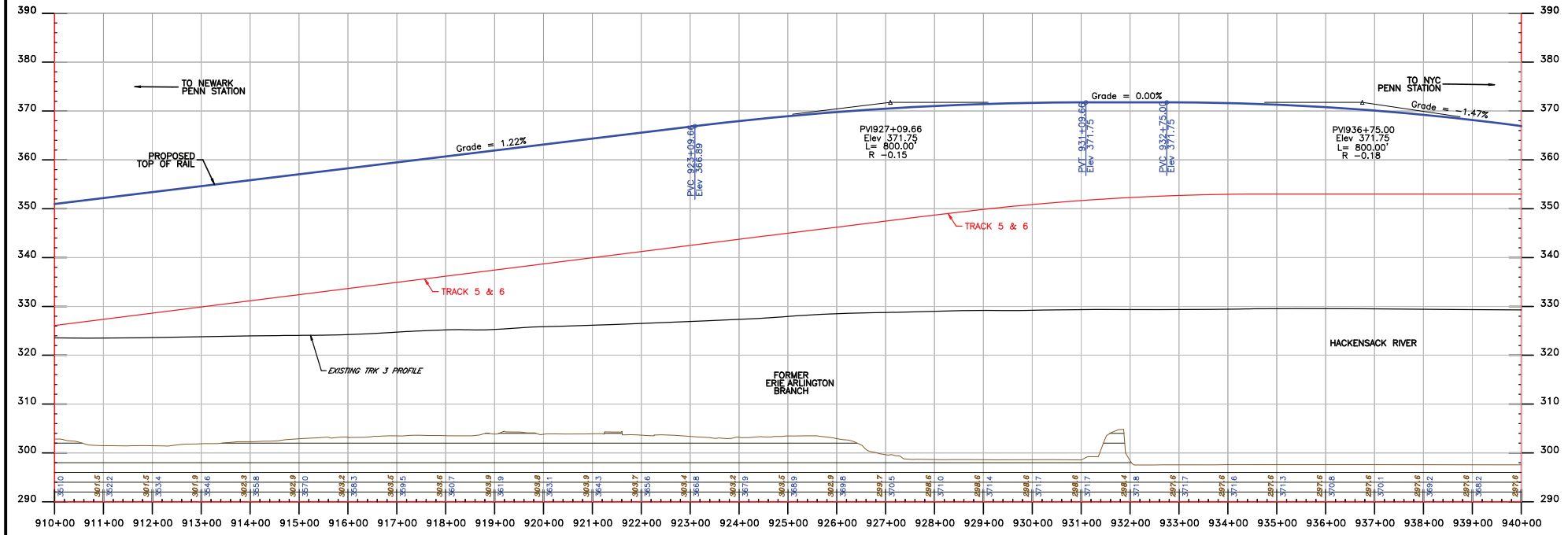
AMTRAK

PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE DE

ALTERNATIVE ON
EXISTING ALIGNMENT
PROFILE TRACK 2

Exhibit



No.	Date	Chkd.	Revision Notes

Date	DEC 27, 2007
Des.	
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Chkd.	
Apprvd.	
Scale	HOR:1"=100' VERT:1"=10'

NJ TRANSIT

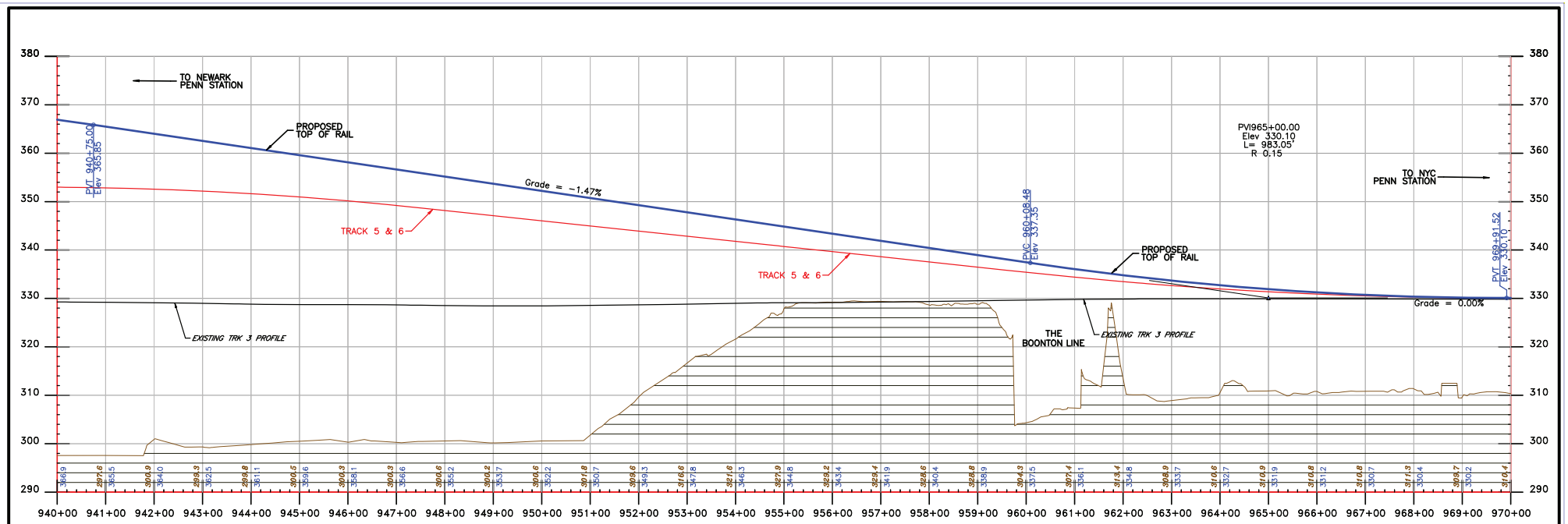
AMTRAK

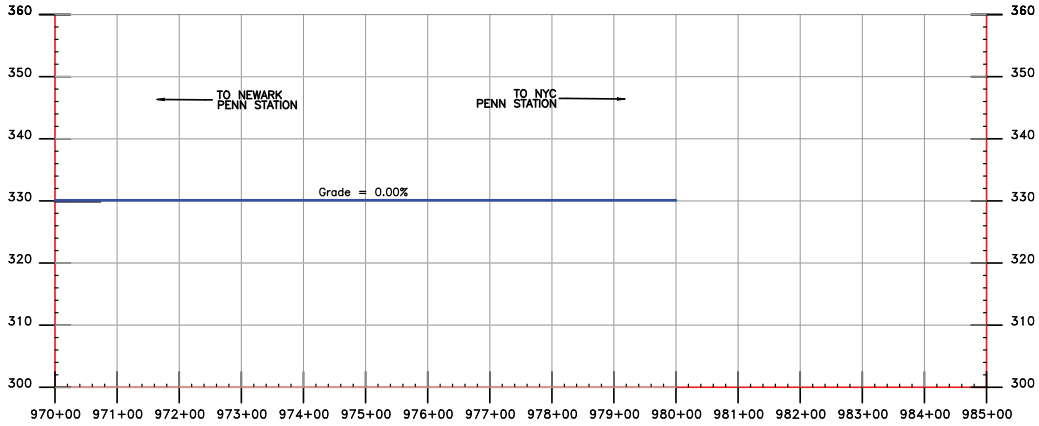
PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE DE

ALTERNATIVE ON
EXISTING ALIGNMENT
PROFILE TRACK 2

Exhibit





No.	Date	Chkd.	Revision Notes

Date	DEC 27, 2007
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Scale	HOR:1"=100' VERT:1"=10'

NJ TRANSIT

AMTRAK

PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE DE

ALTERNATIVE ON
EXISTING ALIGNMENT
PROFILE TRACK 2

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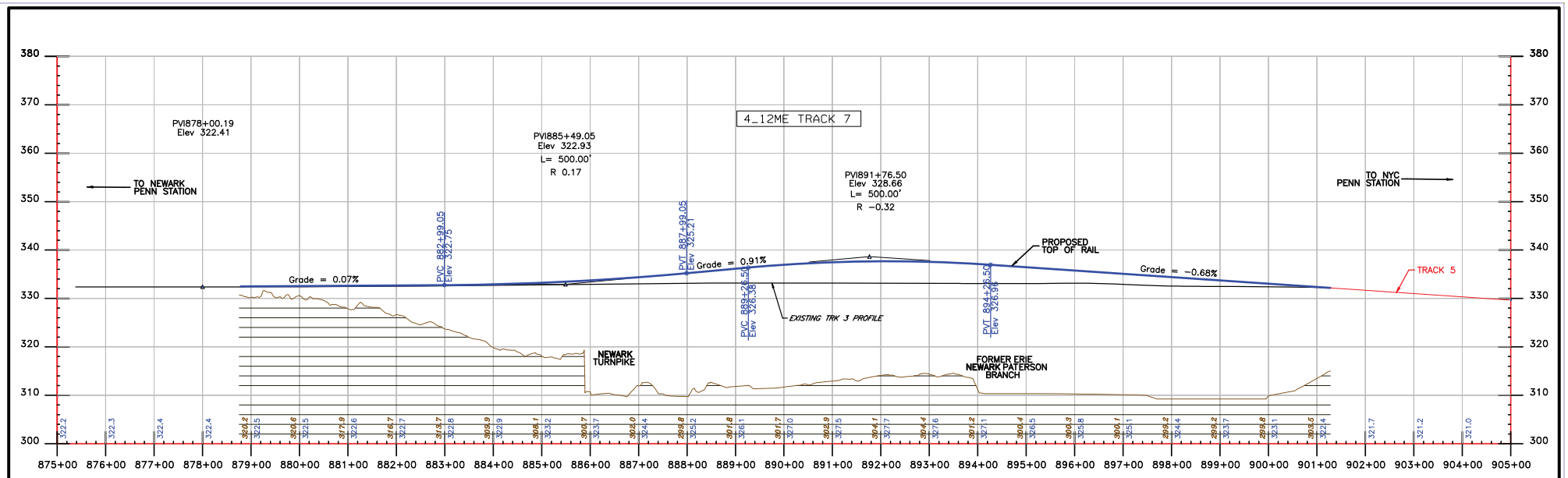

No.	Date	Chkd.	Revision Notes

Date	DEC 27, 2007
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Scale	HOR:1"=100' VERT:1"=10'

NJ TRANSIT

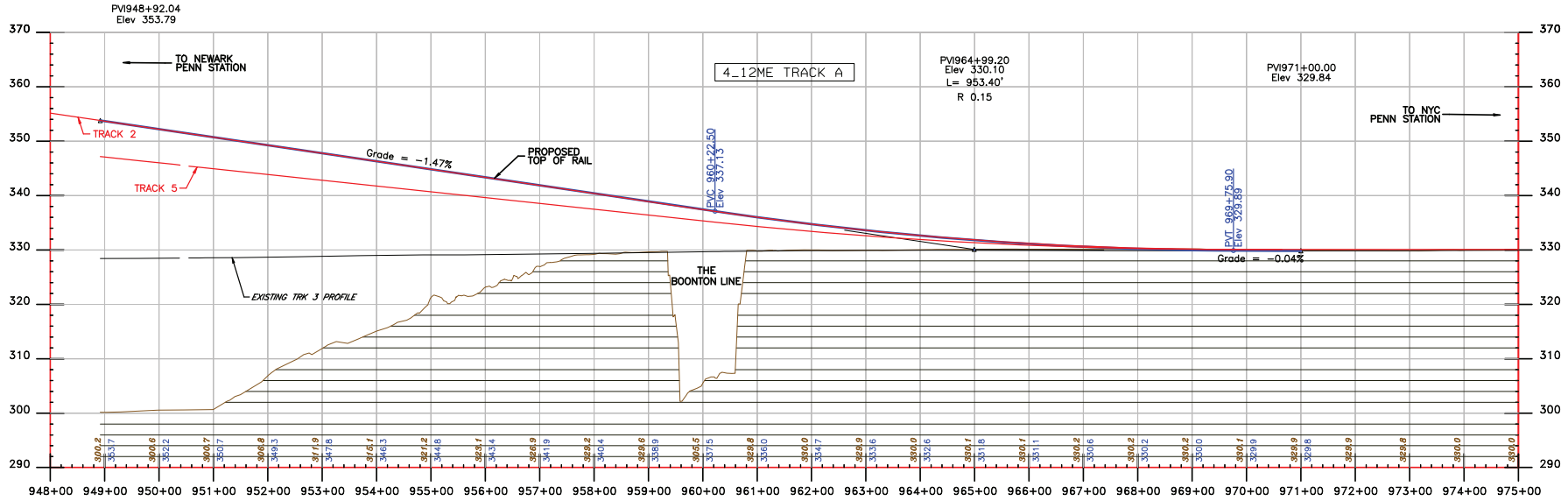
AMTRAK

PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE DE

ALTERNATIVE ON
EXISTING ALIGNMENT
PROFILES TRACK 7 & 8

Exhibit



No.	Date	Chkd.	Revision Notes

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Apprvd.	
Scale	HOR:1"=100' VERT:1"=10'

NJ TRANSIT

AMTRAK

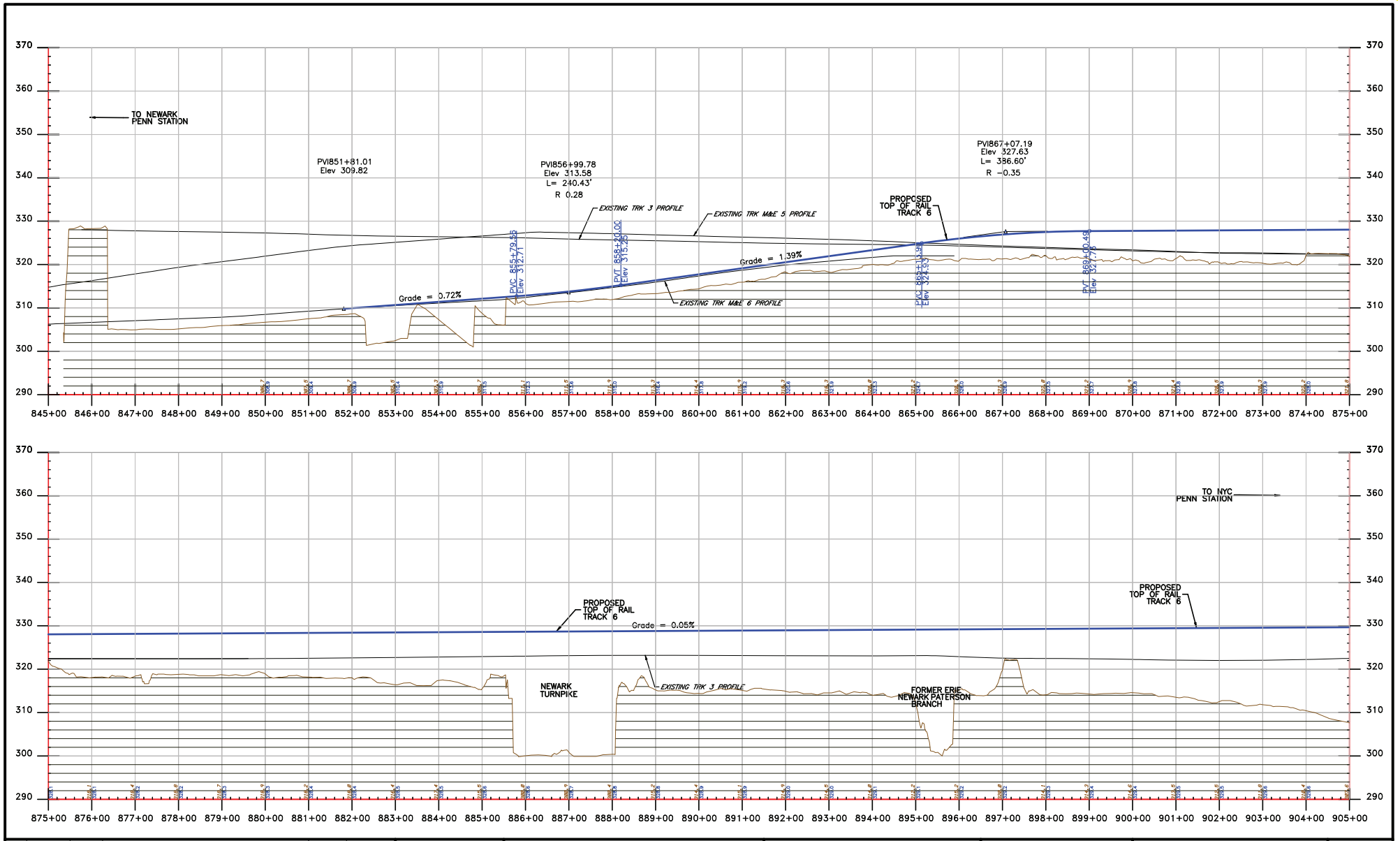
PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE DE

ALTERNATIVE ON
EXISTING ALIGNMENT
PROFILE TRACK A

Exhibit

Alternative FS



No.	Date	Chkd.	Revision Notes

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Scale	HOR:1"=100' VERT:1"=10'

NJ TRANSIT

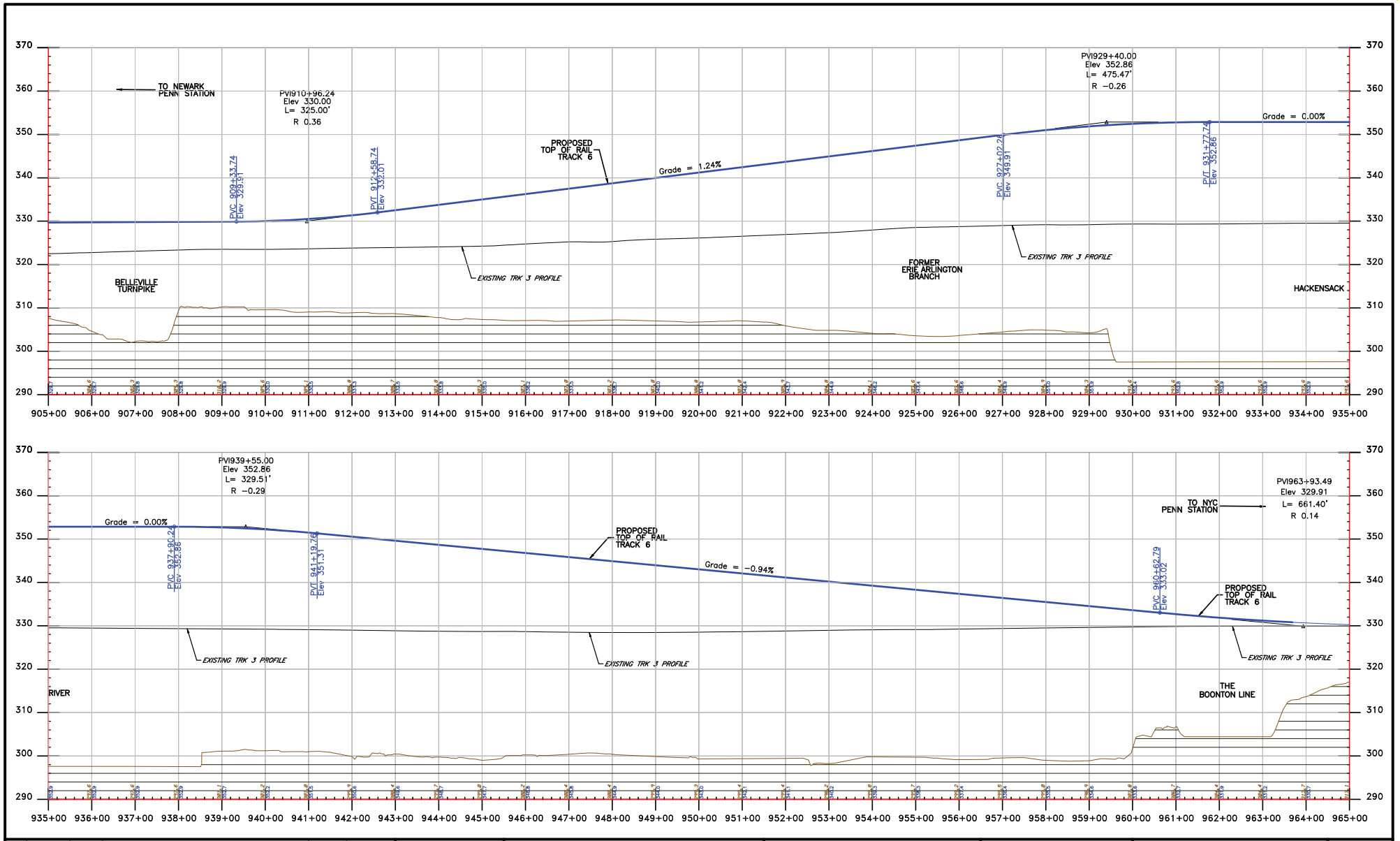
AMTRAK

PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE FS

ALTERNATIVE ON SOUTHERN ALIGNMENT PROFILE TRACK 6

Exhibit



No.	Date	Chkd.	Revision Notes

Date	DEC 27, 2007
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Scale	HOR:1"=100' VERT:1"=10'

NJ TRANSIT

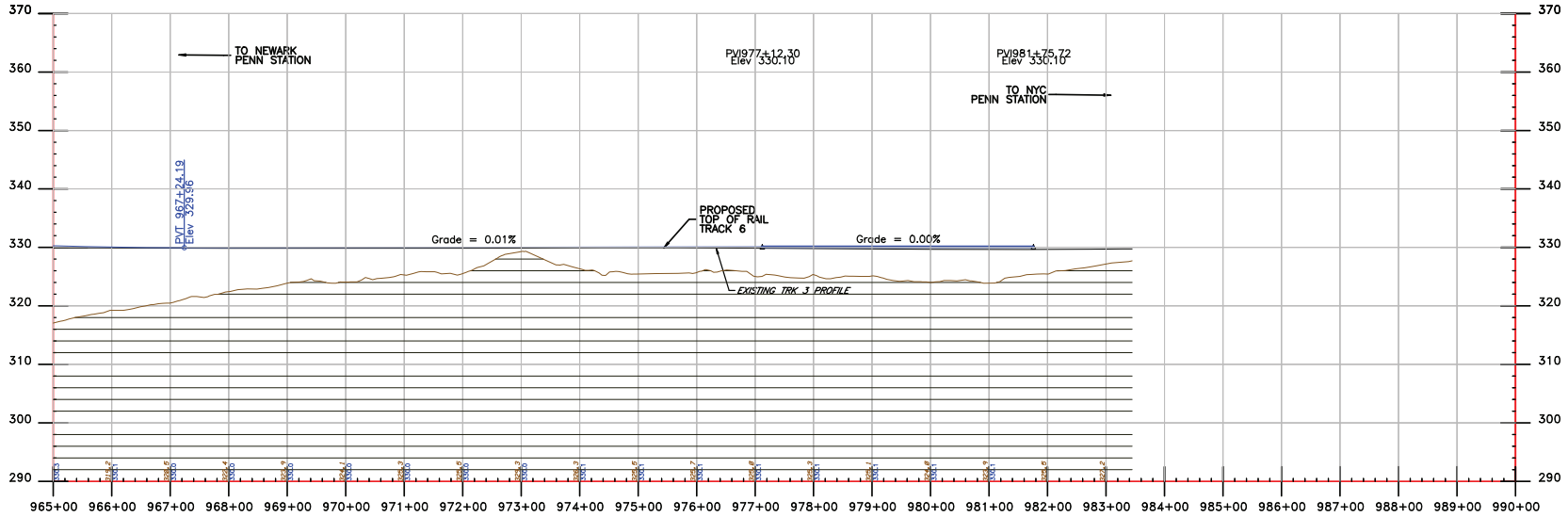
AMTRAK

PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE FS

ALTERNATIVE ON SOUTHERN ALIGNMENT
PROFILE TRACK 6

Exhibit



No.	Date	Chkd.	Revision Notes

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NJ TRANSIT

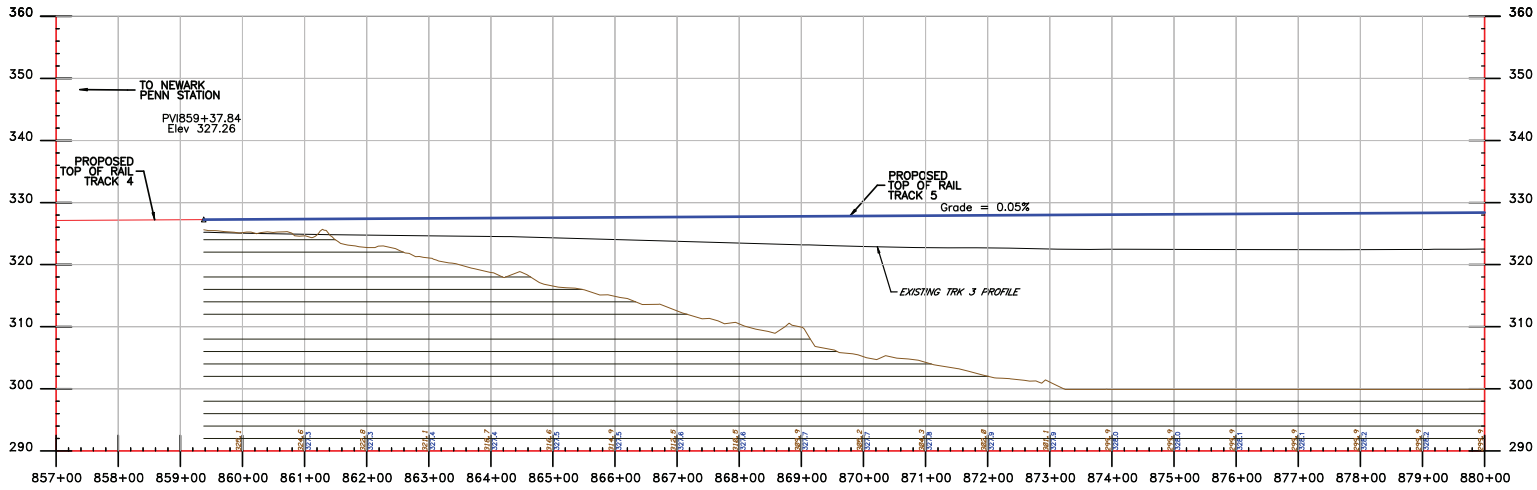
AMTRAK

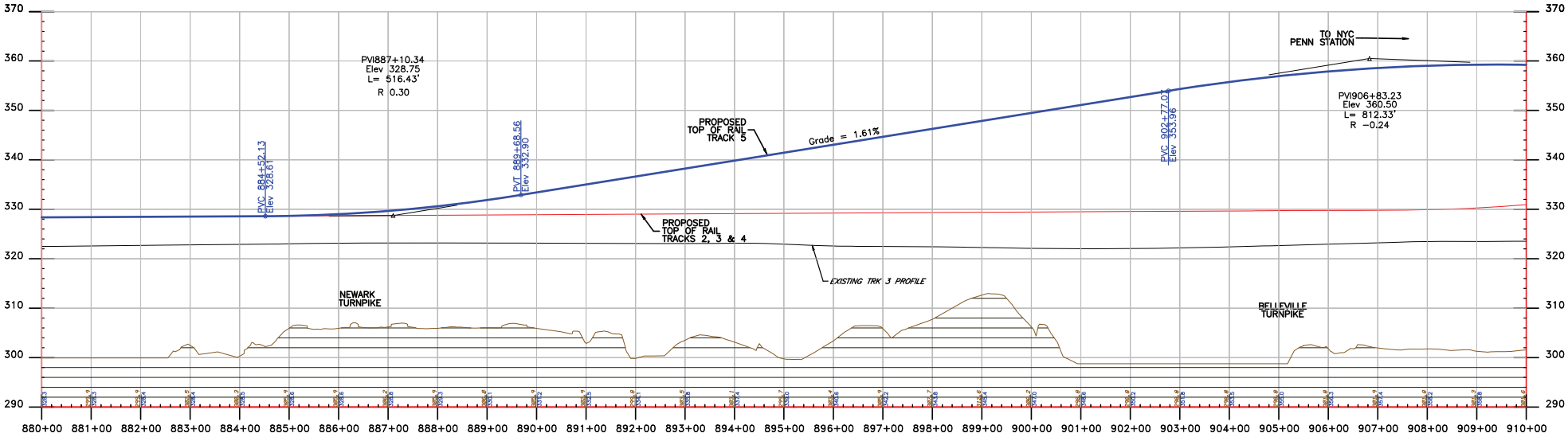
PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE FS

ALTERNATIVE ON SOUTHERN ALIGNMENT PROFILE TRACK 6

Exhibit





No.	Date	Chkd.	Revision Notes

Date	DEC 27, 2007
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Chkd.	
Apprvd.	
Scale	HOR:1"=100' VERT:1"=10'

NJ TRANSIT

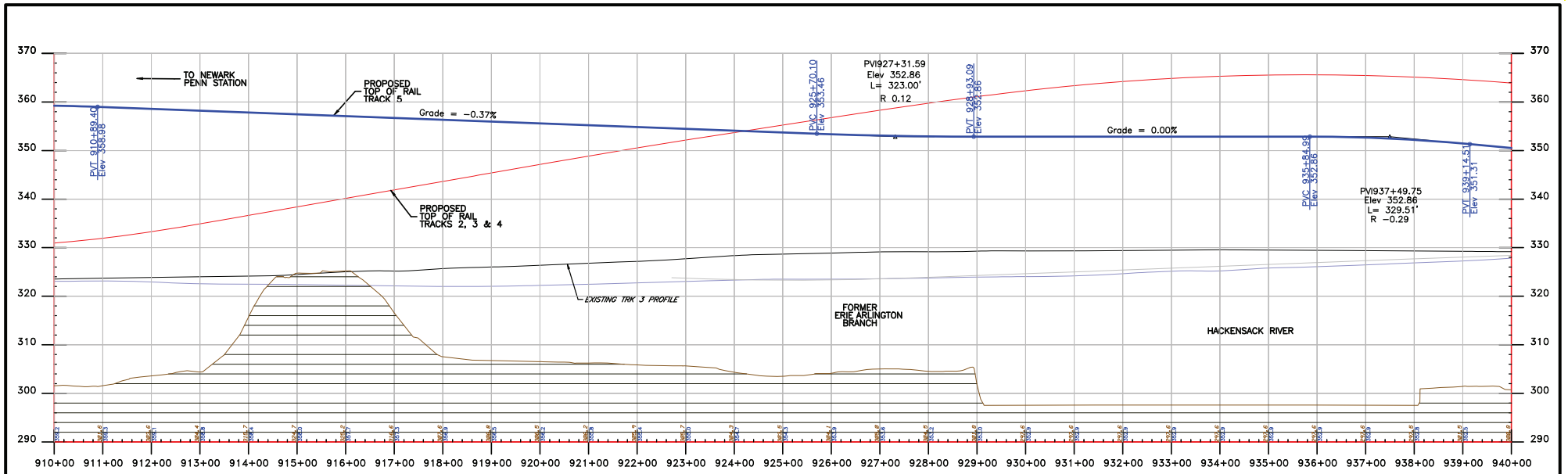
AMTRAK

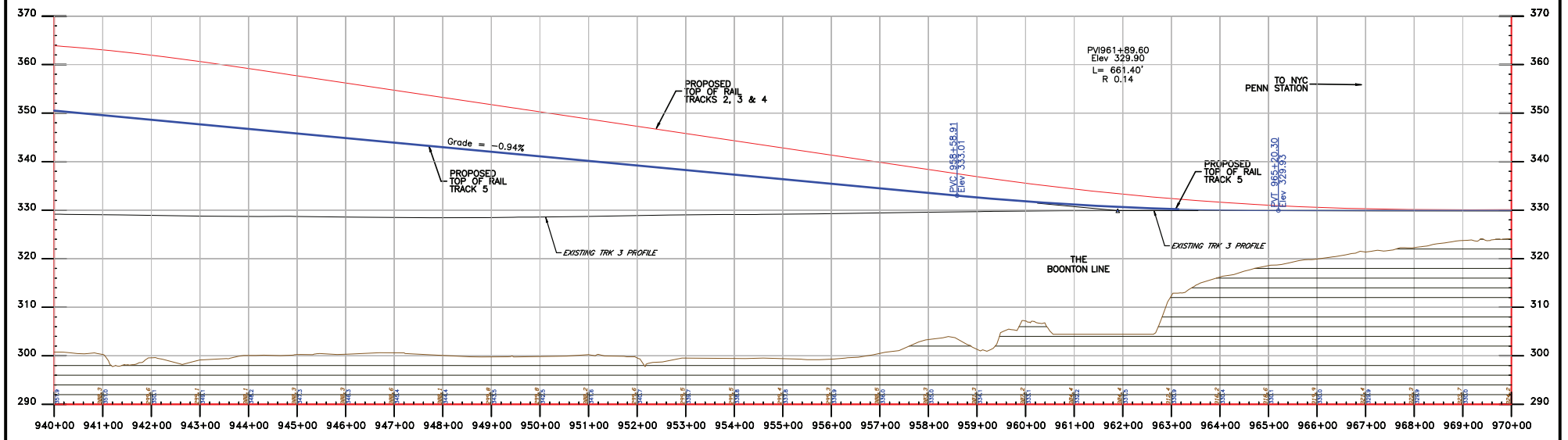
PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE FS

ALTERNATIVE ON
SOUTHERN ALIGNMENT
PROFILE TRACK 5

Exhibit





No.	Date	Chkd.	Revision Notes

Date	DEC 27, 2007
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Apprvd.	
Scale	HOR:1"=100' VERT:1"=10'

NJ TRANSIT

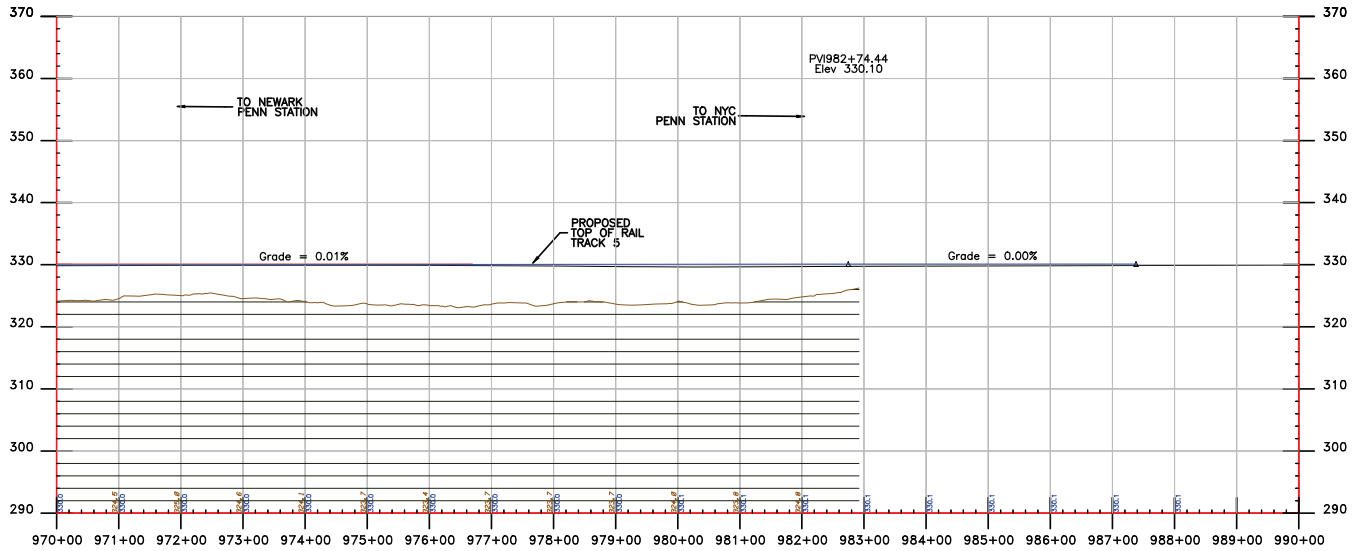
AMTRAK

PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE FS

ALTERNATIVE ON
SOUTHERN ALIGNMENT
PROFILE TRACK 5

Exhibit



No.	Date	Chkd.	Revision Notes

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Des.	
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Chkd.	
Apprvd.	
Scale	HOR:1"=100' VERT:1"=10'

NJ TRANSIT

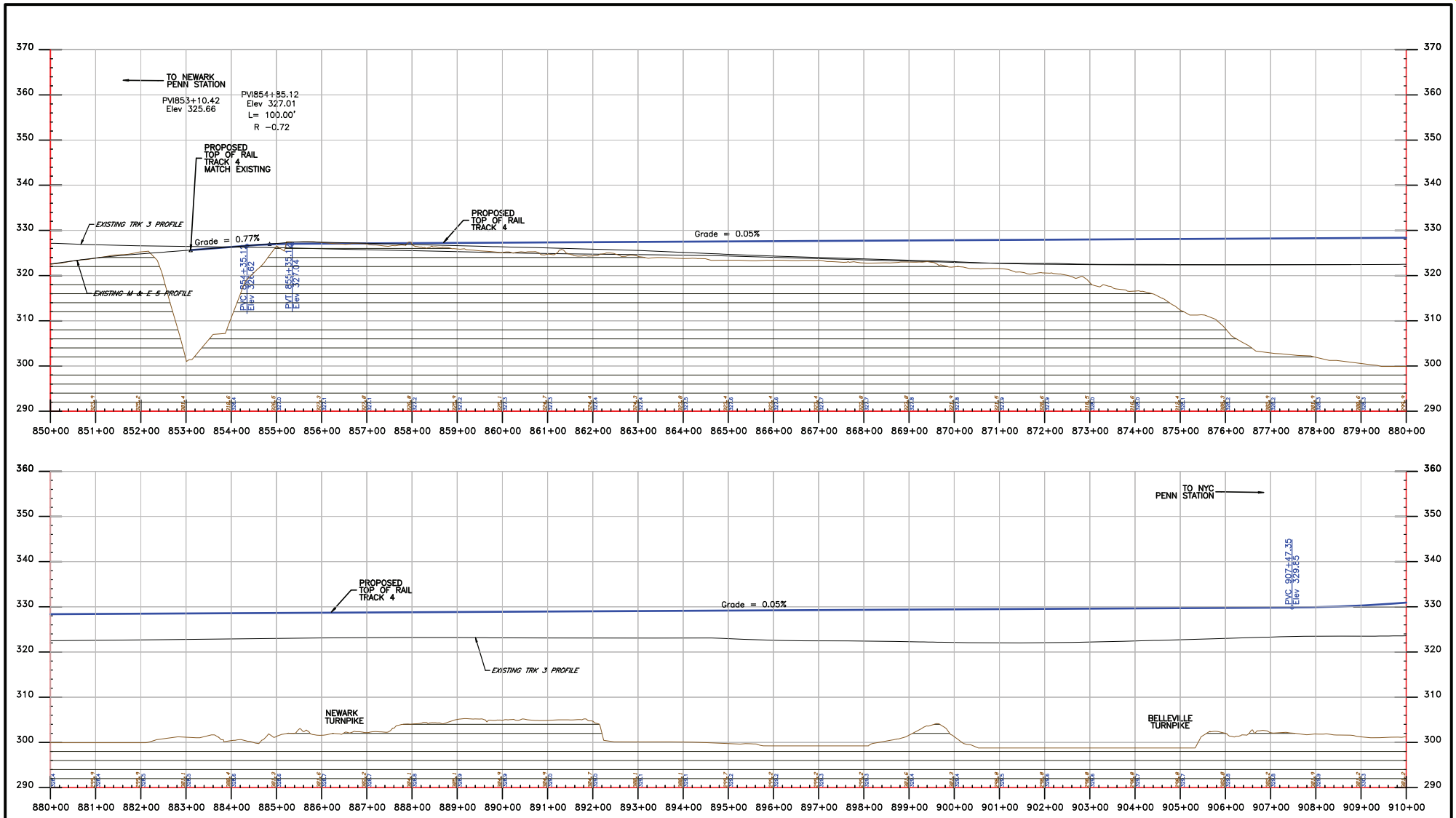
AMTRAK

PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE FS

ALTERNATIVE ON SOUTHERN ALIGNMENT PROFILE TRACK 5

Exhibit



No.	Date	Chkd.	Revision Notes

Date	DEC 27, 2007
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NJ TRANSIT

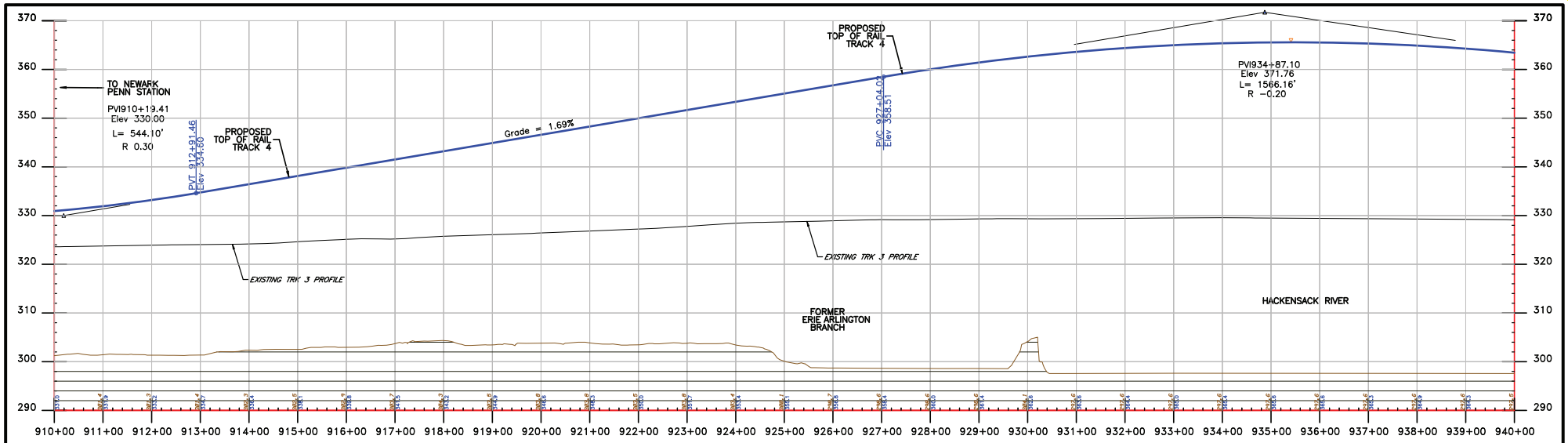
AMTRAK

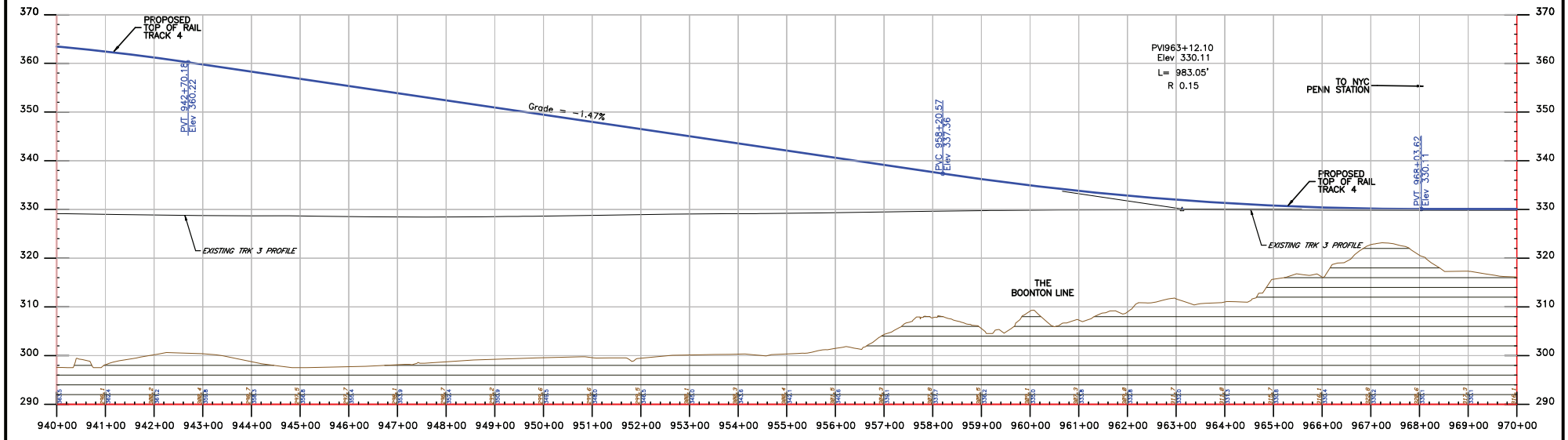
PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE FS

ALTERNATIVE ON SOUTHERN ALIGNMENT PROFILE TRACK 4

Exhibit





No.	Date	Chkd.	Revision Notes

Date	DEC 27, 2007
Des.	
Dwn.	
Chkd.	
Apprvd.	
Scale	HOR:1"=100' VERT:1"=10'

NJ TRANSIT

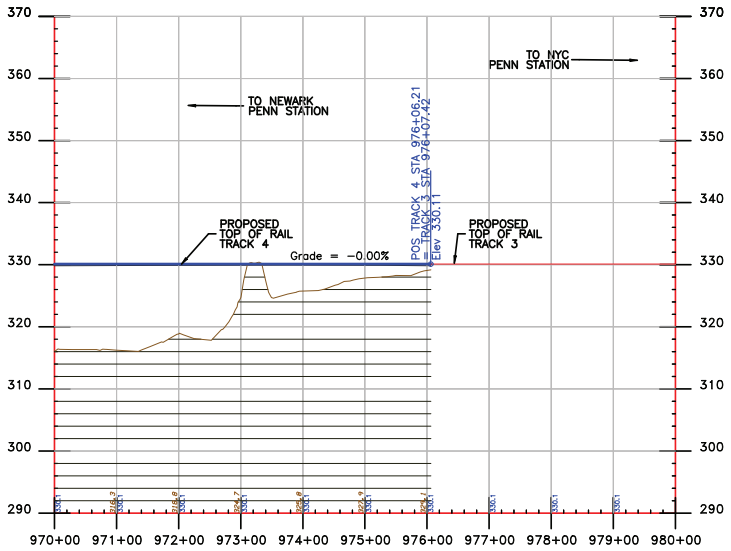
AMTRAK

PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE FS

ALTERNATIVE ON SOUTHERN ALIGNMENT PROFILE TRACK 4

Exhibit



No.	Date	Chkd.	Revision Notes		
				Date	DEC 27, 2007
				Des.	
				Dwn.	
				Chkd.	
				Apprvd.	
				Scale	HOR:1"=100' VERT:1"=10'

NJ TRANSIT

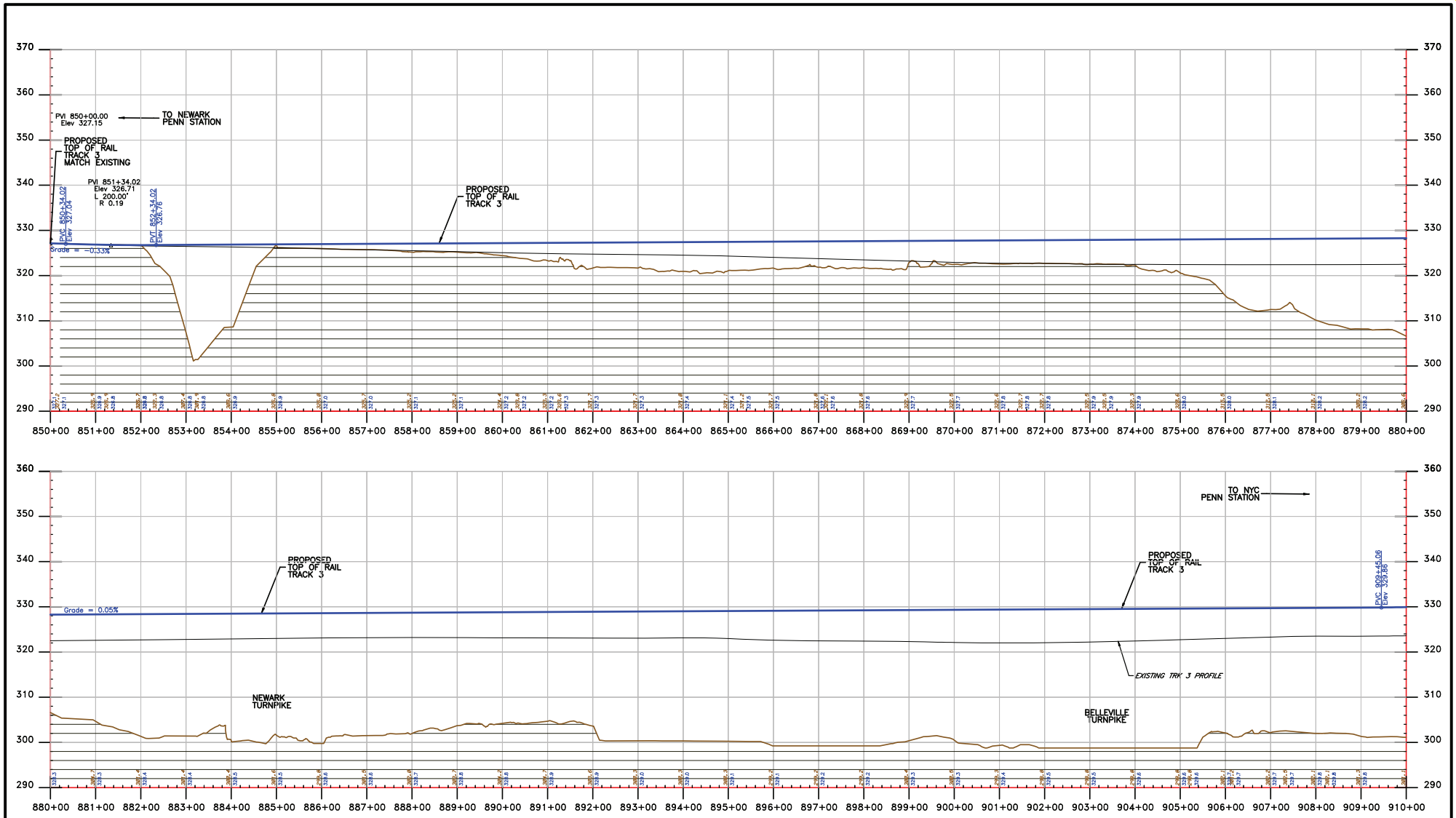
AMTRAK

PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE FS

ALTERNATIVE ON
SOUTHERN ALIGNMENT
PROFILE TRACK 4

Exhibit



No.	Date	Chkd.	Revision Notes

Date	DEC 27, 2007
Des.	
Dwn.	
Chkd.	
Apprvd.	
Scale	HOR:1"=100' VERT:1"=10'

NJ TRANSIT

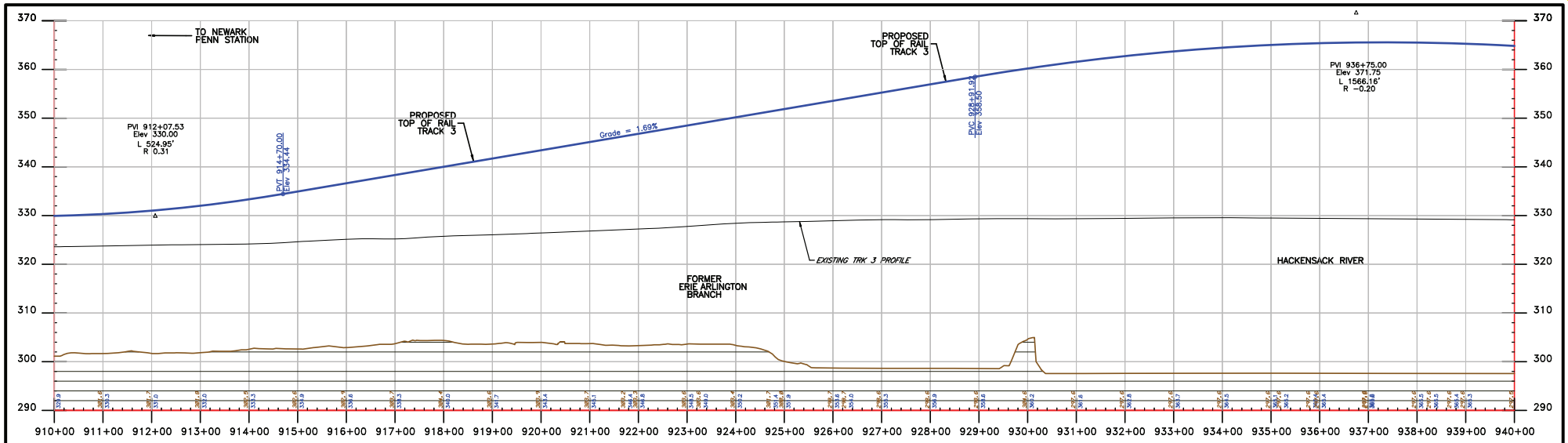
AMTRAK

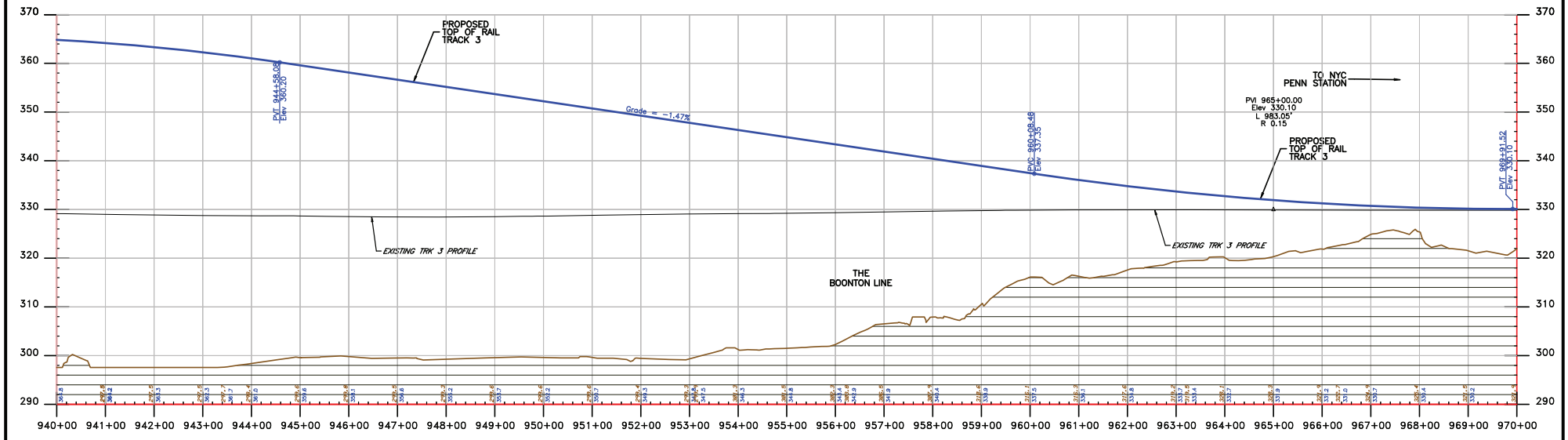
PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE FS

ALTERNATIVE ON
SOUTHERN ALIGNMENT
PROFILE TRACK 3

Exhibit





No.	Date	Chkd.	Revision Notes

Date	DEC 27, 2007
Des.	
Dwn.	
Chkd.	
Apprvd.	
Scale	HOR:1"=100' VERT:1"=10'

NJ TRANSIT

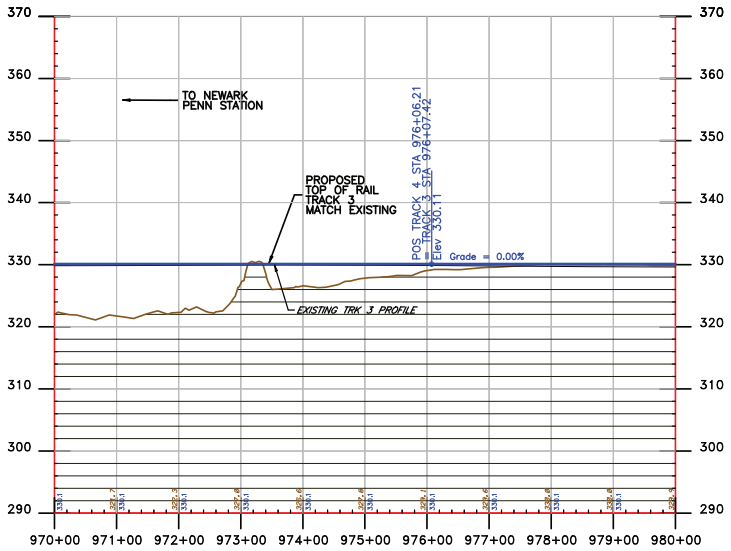
AMTRAK

PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE FS

ALTERNATIVE ON
SOUTHERN ALIGNMENT
PROFILE TRACK 3

Exhibit



No.	Date	Chkd.	Revision Notes

Date	DEC 27, 2007
Des.	
Dwn.	
Chkd.	
Apprvd.	
Scale	HOR:1"=100' VERT:1"=10'

NJ TRANSIT

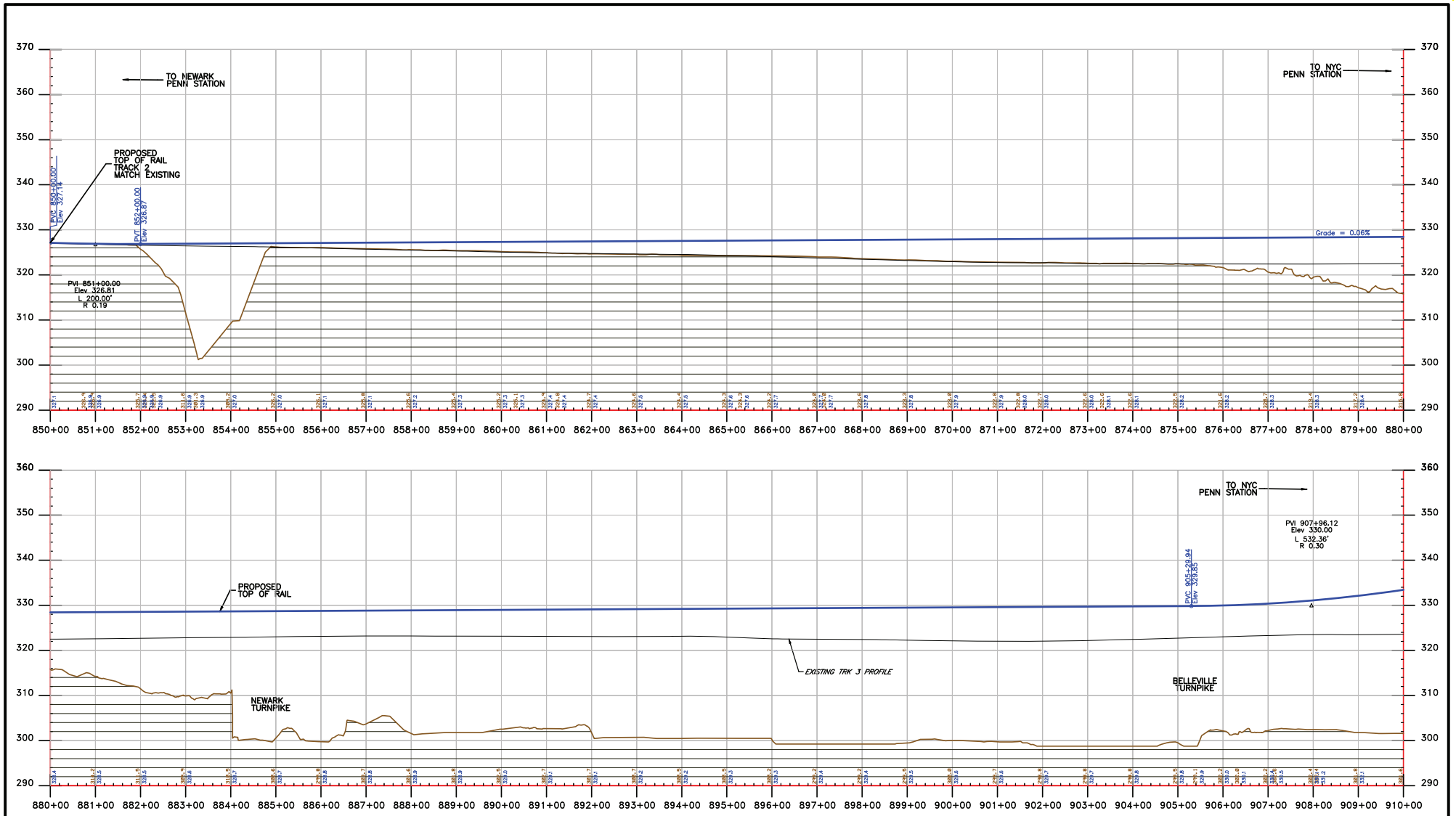
AMTRAK

PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE FS

ALTERNATIVE ON
SOUTHERN ALIGNMENT
PROFILE TRACK 3

Exhibit



No.	Date	Chkd.	Revision Notes

Date	DEC 27, 2007
Des.	
Dwn.	
Chkd.	
Apprvd.	
Scale	HOR:1"=100' VERT:1"=10'

NJ TRANSIT

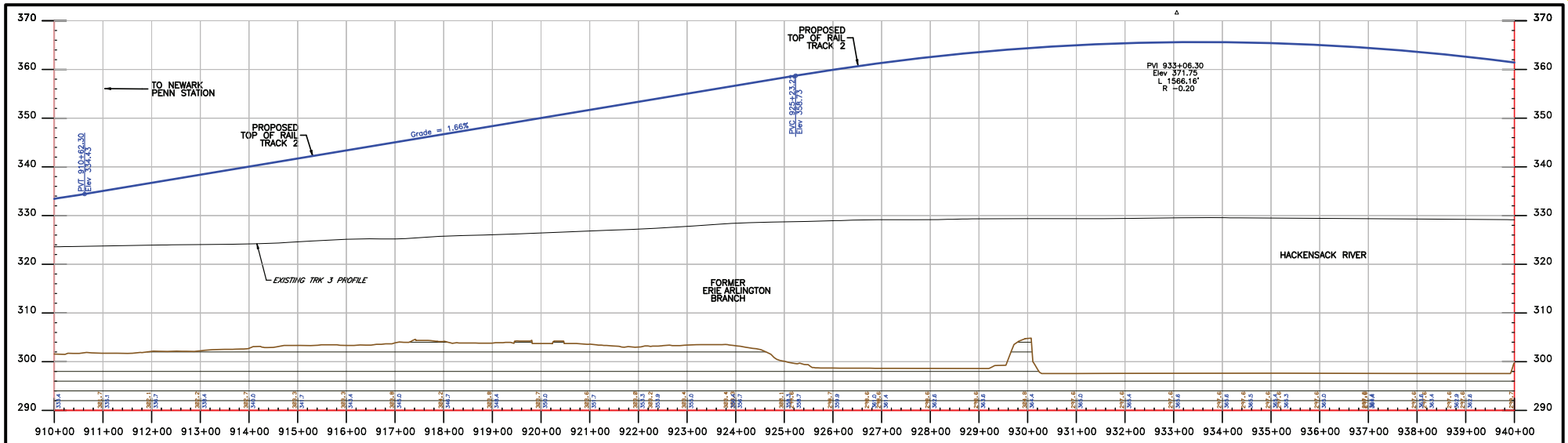
AMTRAK

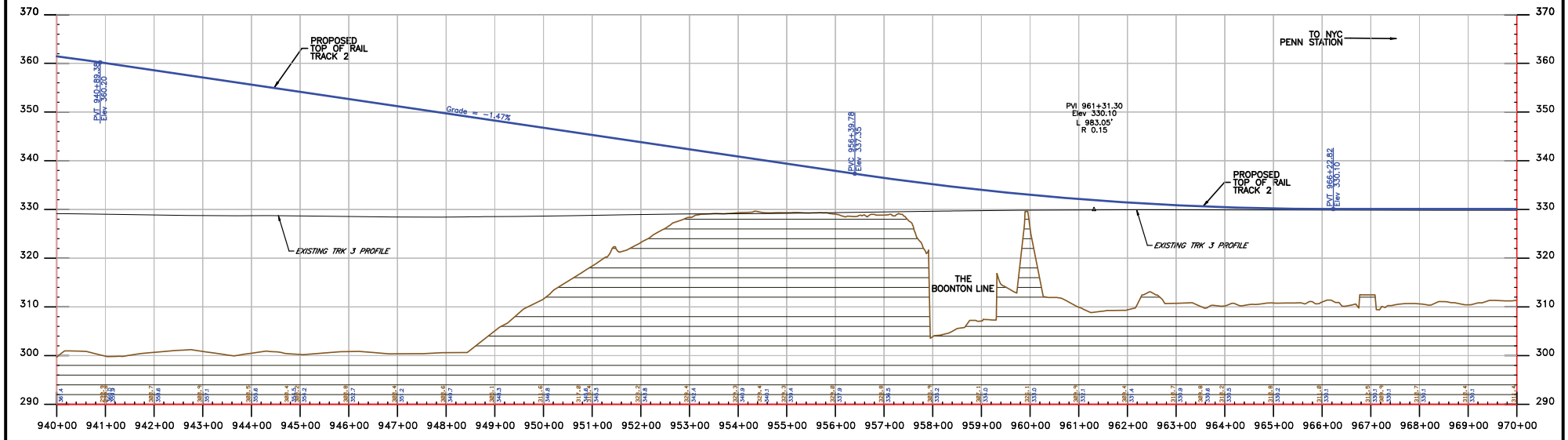
PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE FS

ALTERNATIVE ON SOUTHERN ALIGNMENT PROFILE TRACK 2

Exhibit





No.	Date	Chkd.	Revision Notes

Date	DEC 27, 2007
Des.	
Dwn.	
Chkd.	
Apprvd.	
Scale	HOR:1"=100' VERT:1"=10'

NJ TRANSIT

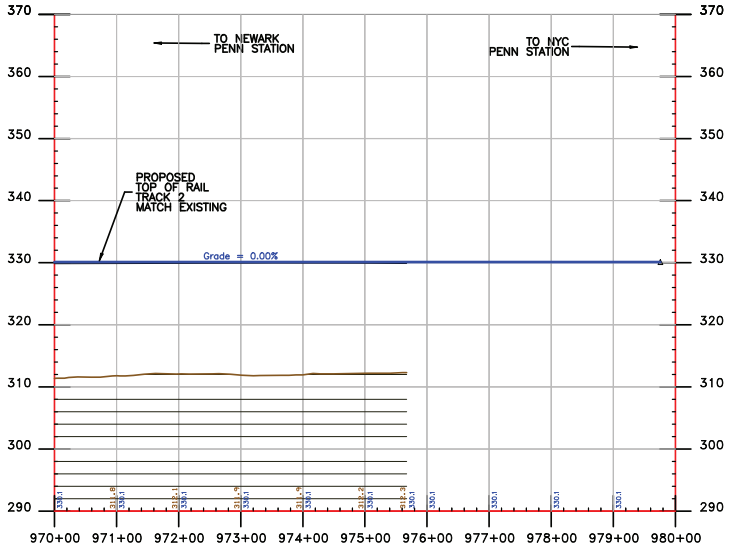
AMTRAK

PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE FS

ALTERNATIVE ON
SOUTHERN ALIGNMENT
PROFILE TRACK 2

Exhibit



No.	Date	Chkd.	Revision Notes		
				Date	DEC 27, 2007
				Des.	
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				Chkd.	
				Apprvd.	
				Scale	HOR:1"=100' VERT:1"=10'

NJ TRANSIT

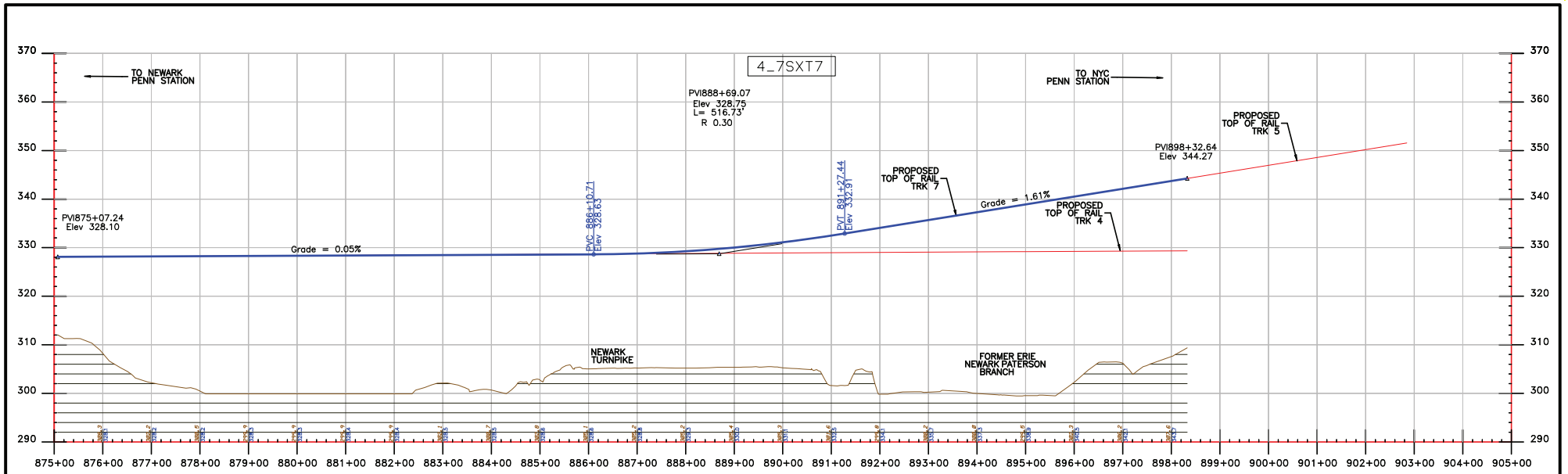
AMTRAK

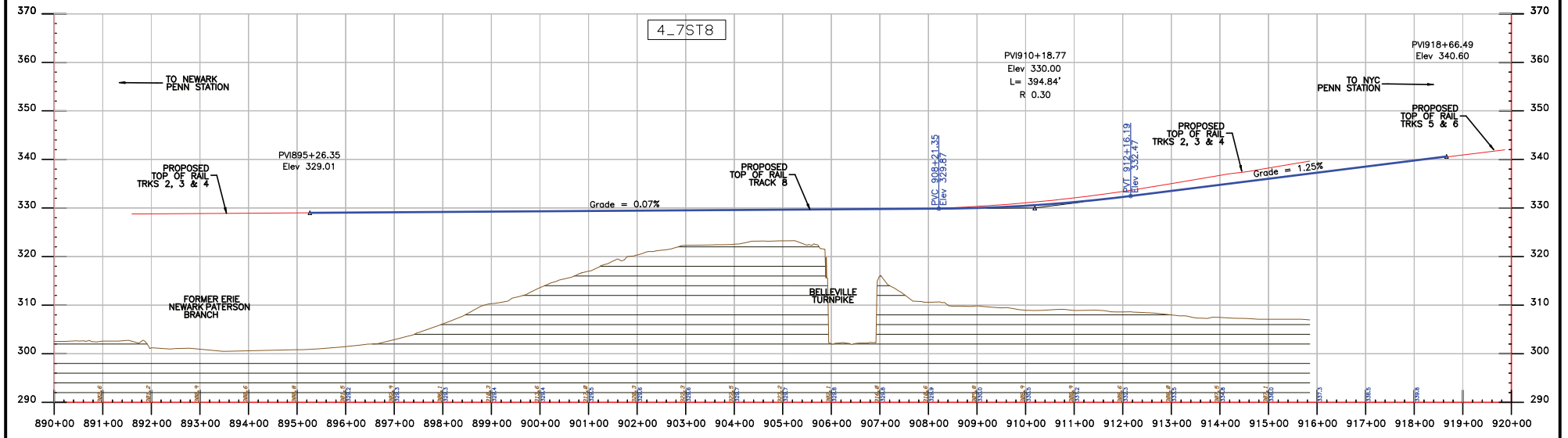
PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE FS

ALTERNATIVE ON
SOUTHERN ALIGNMENT
PROFILE TRACK 2

Exhibit





No.	Date	Chkd.	Revision Notes

Date	DEC 27, 2007
Des.	
Dwn.	
Chkd.	
Apprvd.	
Scale	HOR:1"=100' VERT:1"=10'

NJ TRANSIT

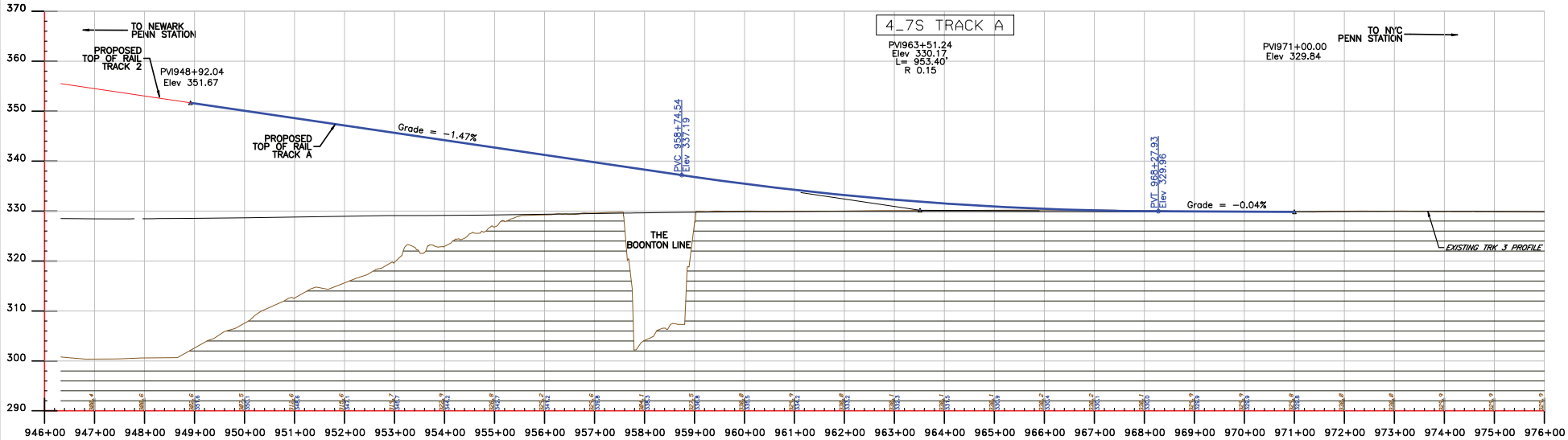
AMTRAK

PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE FS

ALTERNATIVE ON SOUTHERN ALIGNMENT
PROFILES TRACKS 7 & 8

Exhibit



No.	Date	Chkd.	Revision Notes

Date	DEC 27, 2007
Des.	
Dwn.	
Chkd.	
Apprvd.	
Scale	HOR:1"=100' VERT:1"=10'

NJ TRANSIT

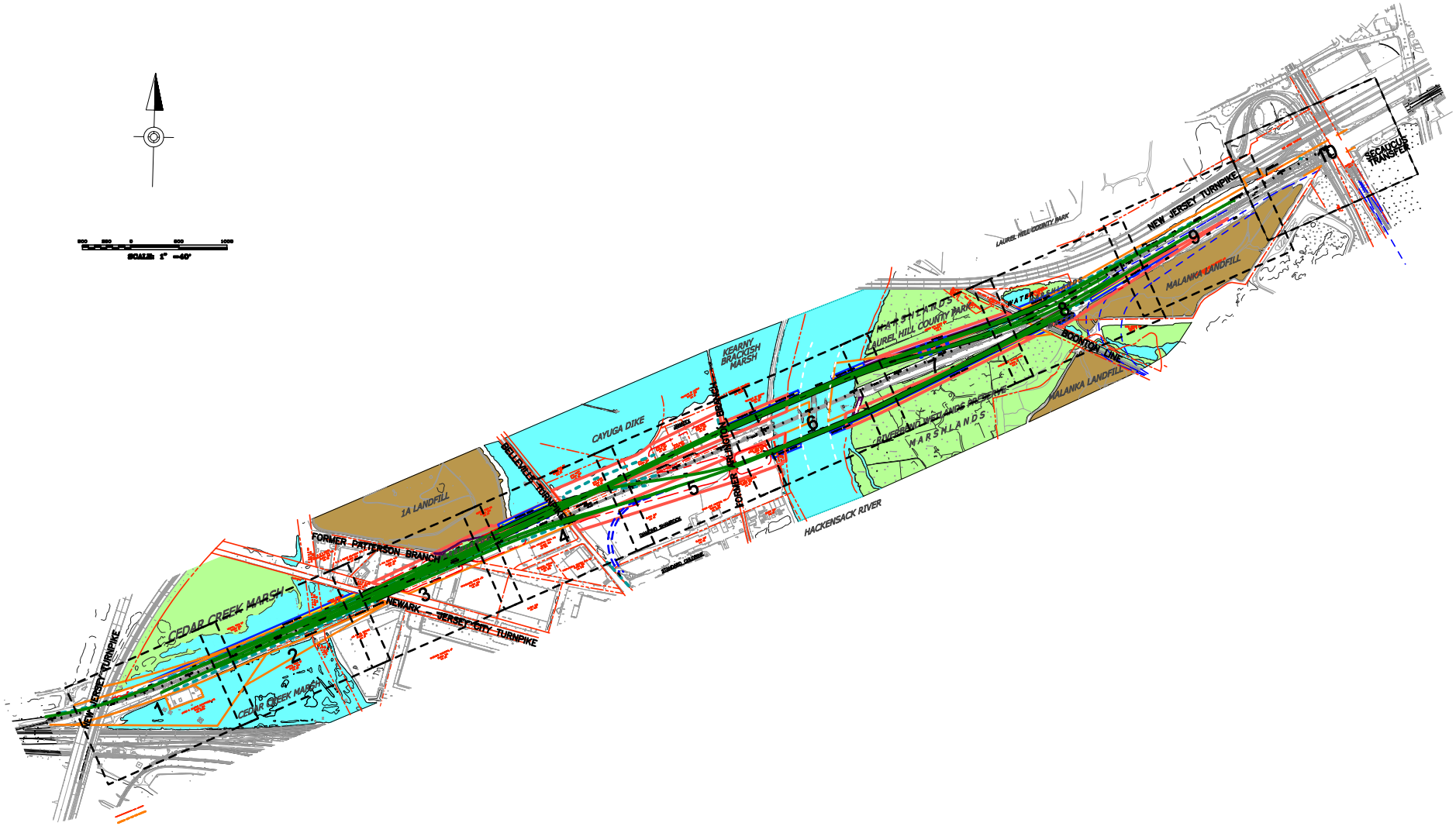
AMTRAK

PORTAL BRIDGE
CAPACITY ENHANCEMENT

ALTERNATIVE FS

ALTERNATIVE ON SOUTHERN ALIGNMENT PROFILE TRACK A

Exhibit



No.	Date	Chkd.	Revision Notes

Date	DEC 27, 2007
Des.	
Dwn.	
Chkd.	
Apprvd.	
Scale	1" : 100'

NJ TRANSIT

AMTRAK

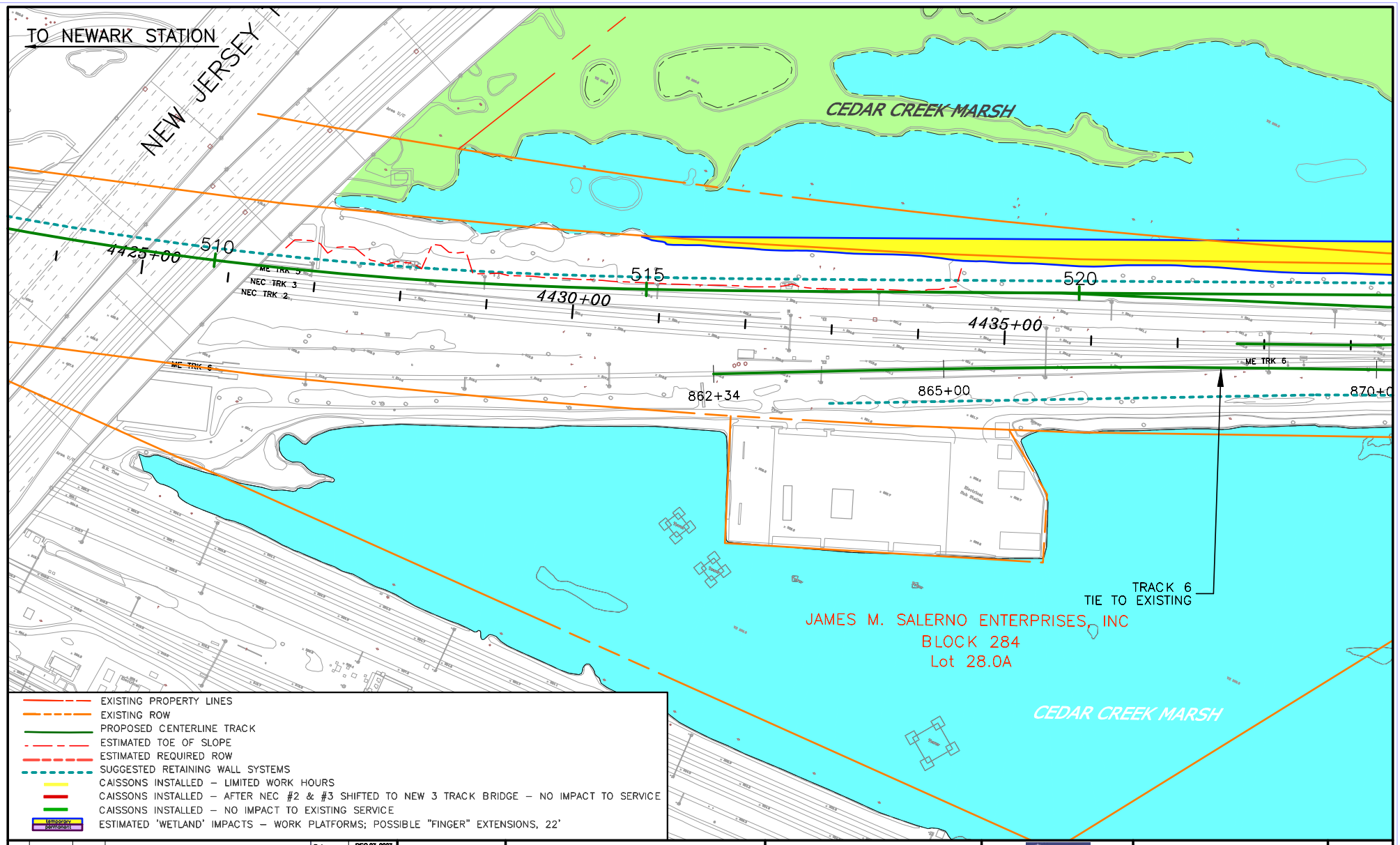
PORTAL BRIDGE
CAPACITY ENHANCEMENT

PREFERRED ALTERNATIVE

ALTERNATIVE 'DS'
ON
SOUTHERN ALIGNMENT

Exhibit

AUGUST 2008



No.	Date	Chkd.	Revision Notes

Date	DEC 27, 2007
Des.	
Dwn.	
Chkd.	
Apprvd.	
Scale	1" : 100'

NJ TRANSIT

AMTRAK

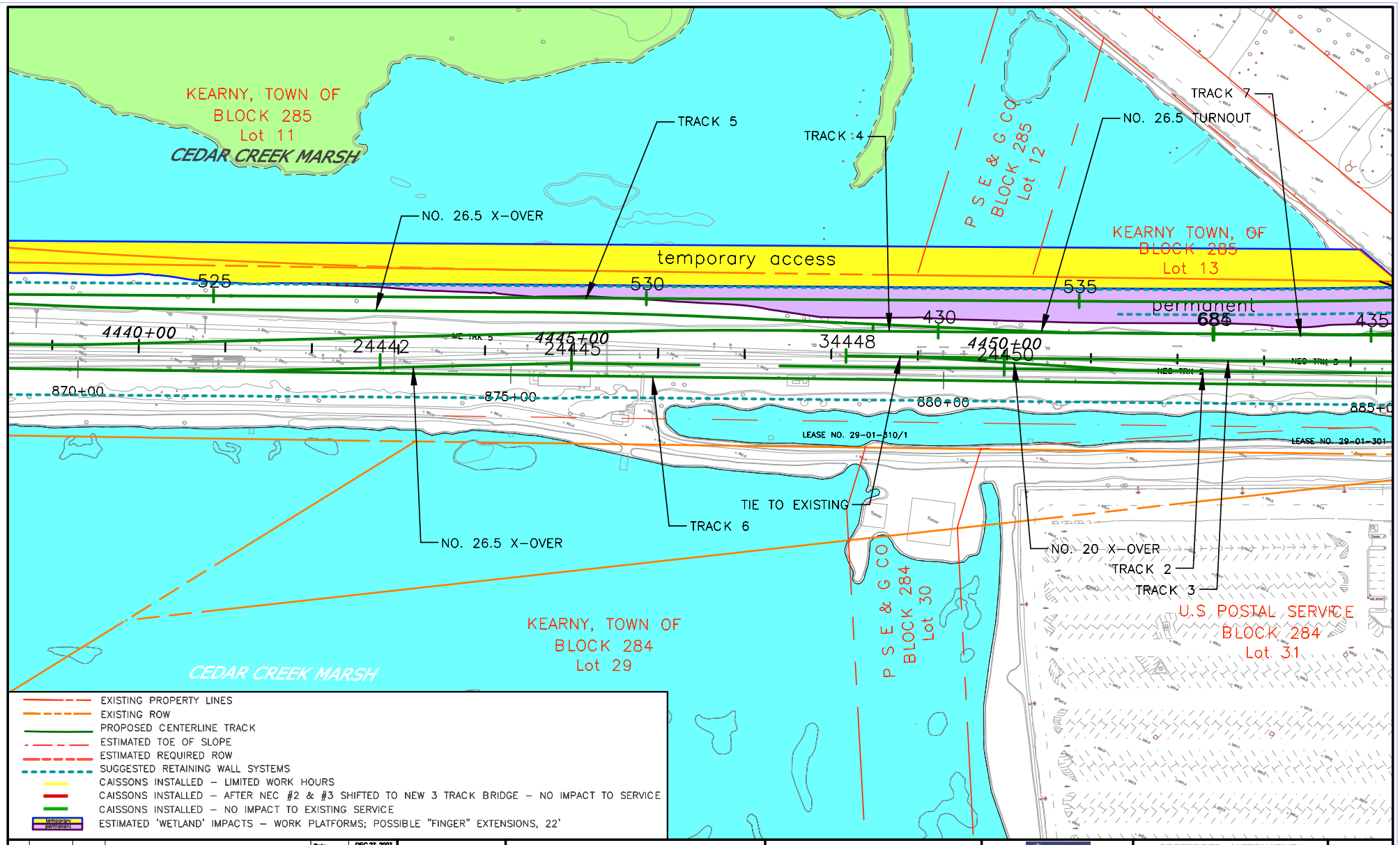
PORTAL BRIDGE
CAPACITY ENHANCEMENT

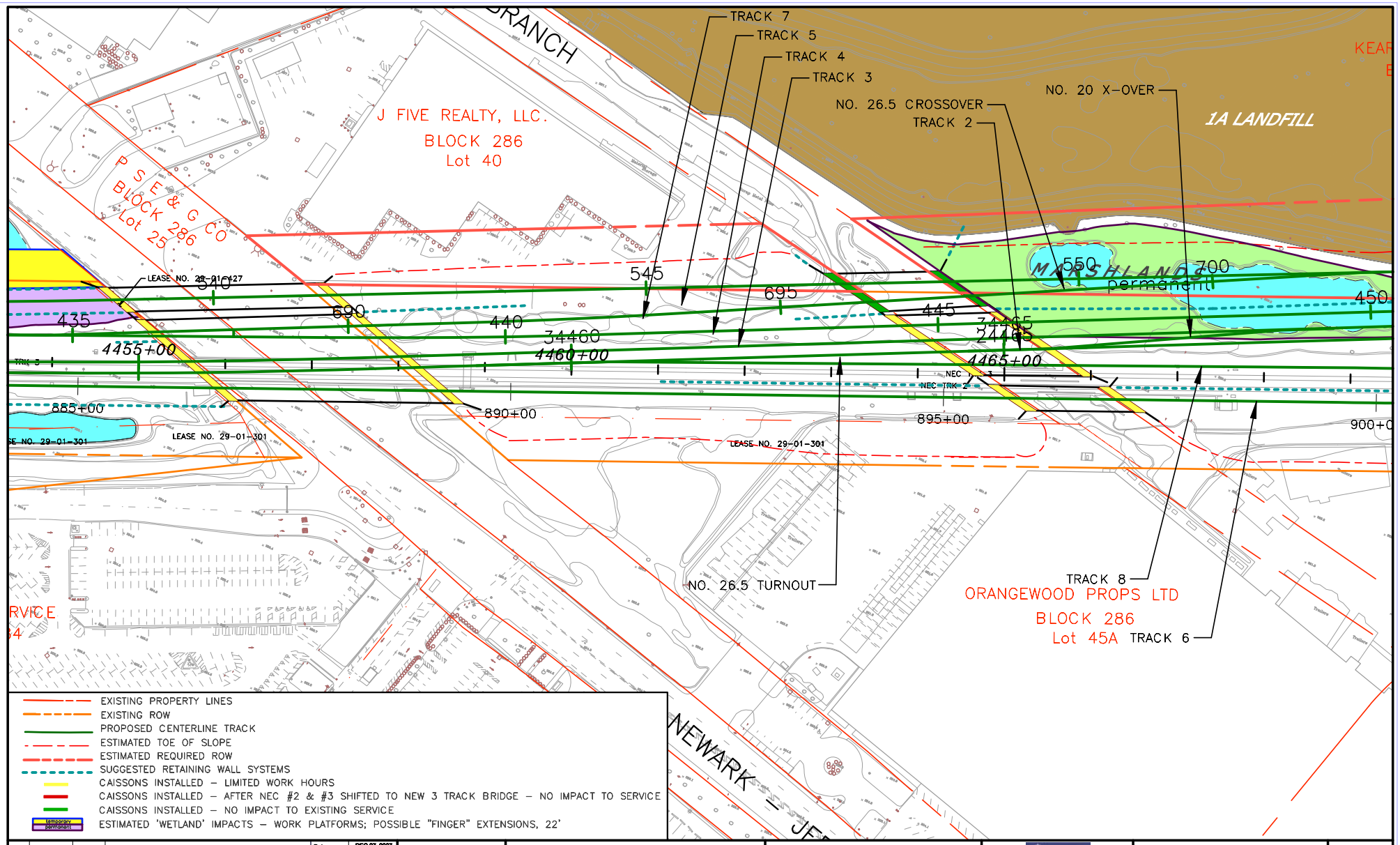
PREFERRED ALTERNATIVE

ALTERNATIVE 'DS'
ON
SOUTHERN ALIGNMENT

Exhibit

AUGUST 2008


KEARNY, TOWN OF
BLOCK 285
Lot 11
CEDAR CREEK MARSH
TRACK 5
TRACK 4
TRACK 7
NO. 26.5 TURNOUT
P S E & G CO
BLOCK 285
Lot 12
NO. 26.5 X-OVER
temporary access
KEARNY TOWN, OF
BLOCK 285
Lot 13
525
530
535
permanent
685
435
430
4440+00
24442
4445+00
24445
34448
4450+00
24450
870+00
875+00
880+00
LEASE NO. 29-01-310/1
LEASE NO. 29-01-301
TIE TO EXISTING
TRACK 6
NO. 26.5 X-OVER
NO. 20 X-OVER
TRACK 2
TRACK 3
U.S. POSTAL SERVICE
BLOCK 284
Lot 31
KEARNY, TOWN OF
BLOCK 284
Lot 29
CEDAR CREEK MARSH
P S E & G CO
BLOCK 284
Lot 30
EXISTING PROPERTY LINES
EXISTING ROW
PROPOSED CENTERLINE TRACK
ESTIMATED TOE OF SLOPE
ESTIMATED REQUIRED ROW
SUGGESTED RETAINING WALL SYSTEMS
CAISSONS INSTALLED – LIMITED WORK HOURS
CAISSONS INSTALLED – AFTER NEC #2 & #3 SHIFTED TO NEW 3 TRACK BRIDGE – NO IMPACT TO SERVICE
CAISSONS INSTALLED – NO IMPACT TO EXISTING SERVICE
ESTIMATED 'WETLAND' IMPACTS – WORK PLATFORMS; POSSIBLE "FINGER" EXTENSIONS, 22'
Temporary Construction
No. Date Chkd. Revision Notes
Date DEC 27, 2007
Des.
Dwn.
Chkd.
Apprvd.
Scale 1" : 100'
NJ TRANSIT
AMTRAK
PORTAL BRIDGE
CAPACITY ENHANCEMENT
PREFERRED ALTERNATIVE
ALTERNATIVE 'DS'
ON
SOUTHERN ALIGNMENT
Exhibit
AUGUST 2008



No.	Date	Chkd.	Revision Notes

Date DEC 27, 2007
Des.
Dwn.
Chkd.
Apprvd.
Scale 1" : 100'

NJ TRANSIT

AMTRAK

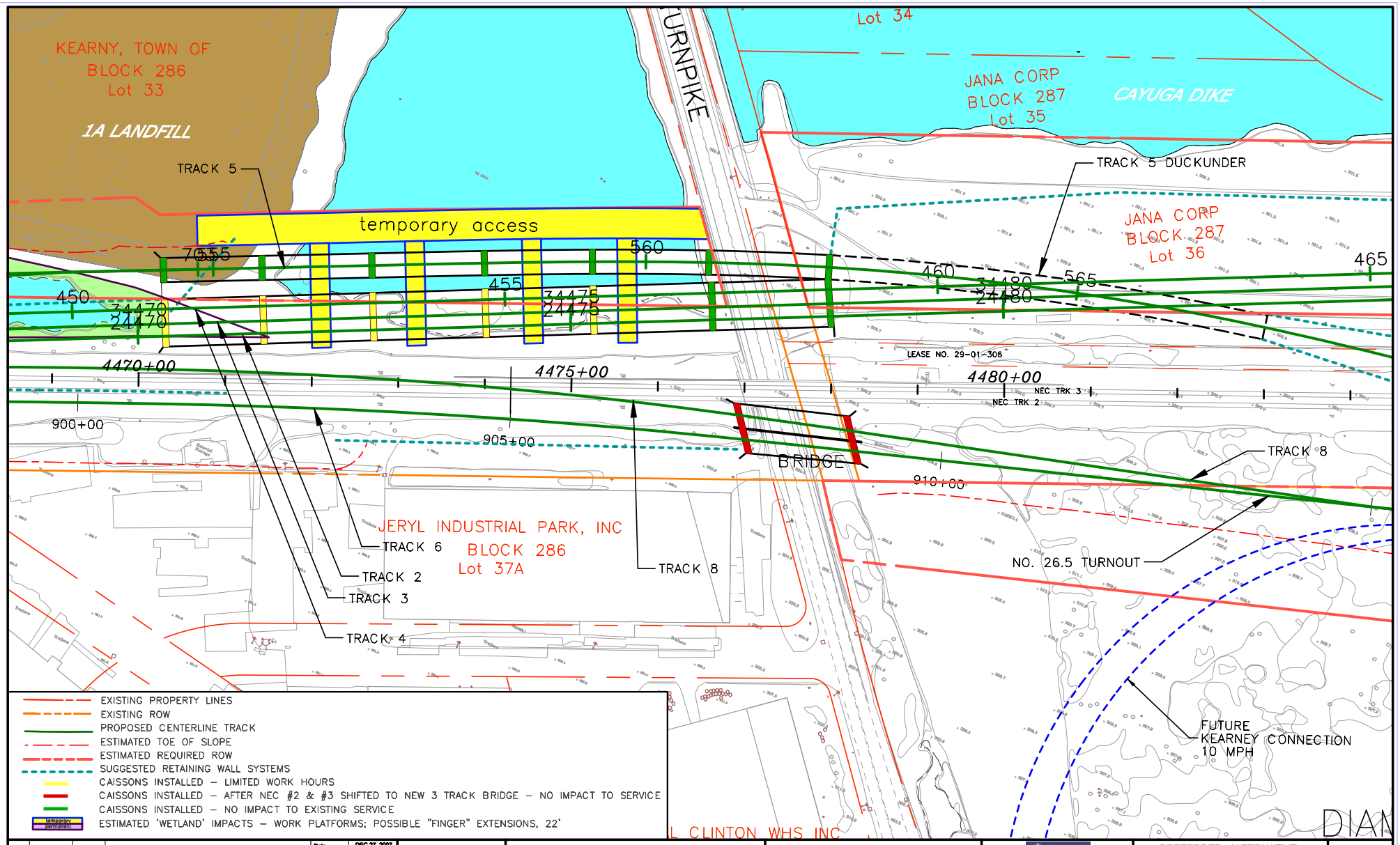
PORTAL BRIDGE
CAPACITY ENHANCEMENT

PREFERRED ALTERNATIVE

ALTERNATIVE 'DS'
ON
SOUTHERN ALIGNMENT

Exhibit

AUGUST 2008



No.	Date	Chkd.	Revision Notes

Date	DEC 27, 2007
Des.	
Dwn.	
Chkd.	
Apprvd.	
Scale	1" : 100'

NJ TRANSIT

AMTRAK

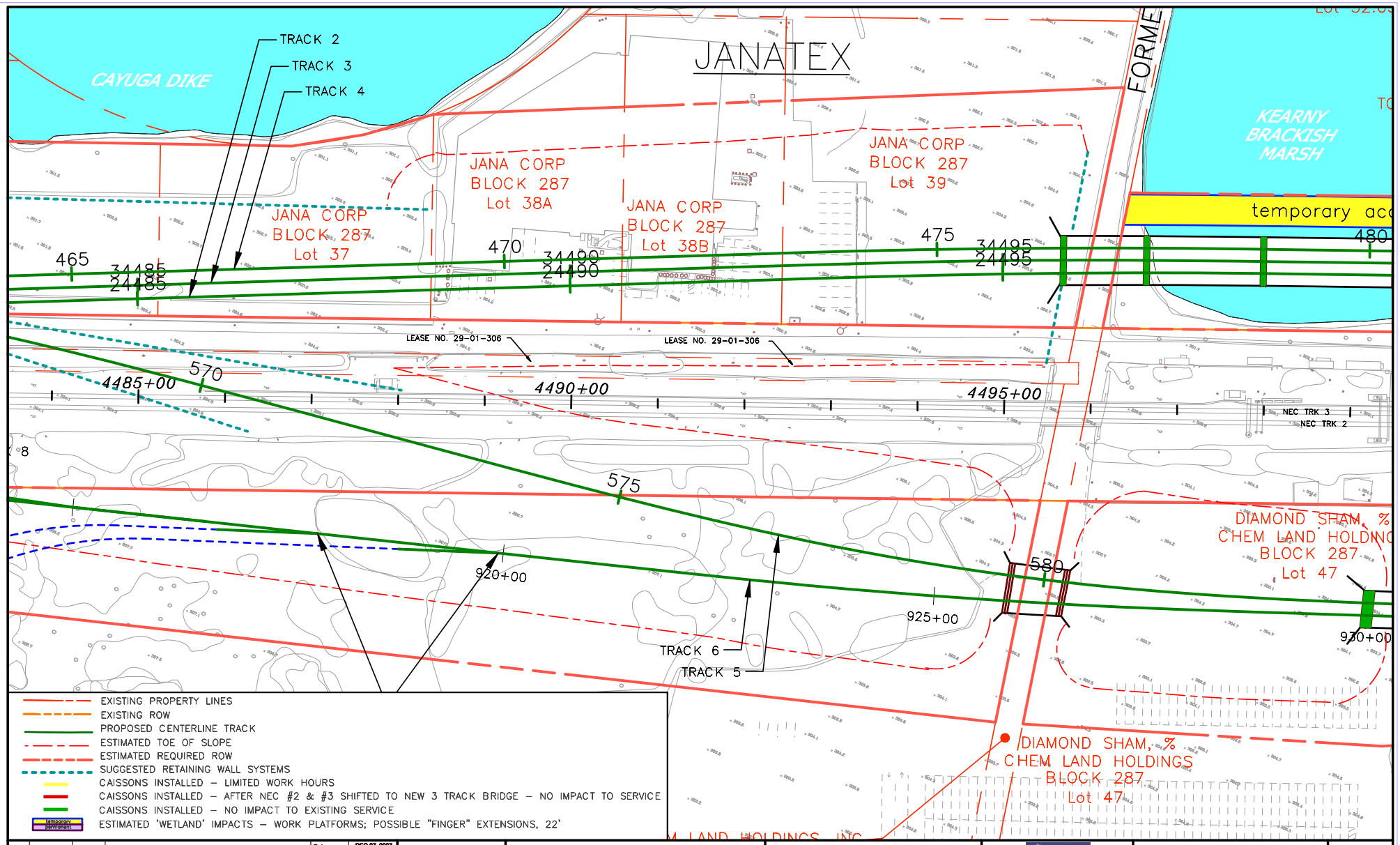
PORTAL BRIDGE
CAPACITY ENHANCEMENT

PREFERRED ALTERNATIVE

ALTERNATIVE 'DS'
ON
SOUTHERN ALIGNMENT

Exhibit

AUGUST 2008


JANATEX
CAYUGA DIKE
TRACK 2
TRACK 3
TRACK 4
JANA CORP
BLOCK 287
Lot 37
JANA CORP
BLOCK 287
Lot 38A
JANA CORP
BLOCK 287
Lot 38B
JANA CORP
BLOCK 287
Lot 39
KEARNY
BRACKISH
MARSH
temporary acc
465
470
475
480
34485
24485
34490
24490
34495
24495
LEASE NO. 29-01-306
LEASE NO. 29-01-306
570
575
580
4485+00
4490+00
4495+00
NEC TRK 3
NEC TRK 2
920+00
925+00
930+00
TRACK 6
TRACK 5
DIAMOND SHAM, %
CHEM LAND HOLDINGS
BLOCK 287
Lot 47
DIAMOND SHAM, %
CHEM LAND HOLDINGS
BLOCK 287
Lot 47
EXISTING PROPERTY LINES
EXISTING ROW
PROPOSED CENTERLINE TRACK
ESTIMATED TOE OF SLOPE
ESTIMATED REQUIRED ROW
SUGGESTED RETAINING WALL SYSTEMS
CAISSONS INSTALLED – LIMITED WORK HOURS
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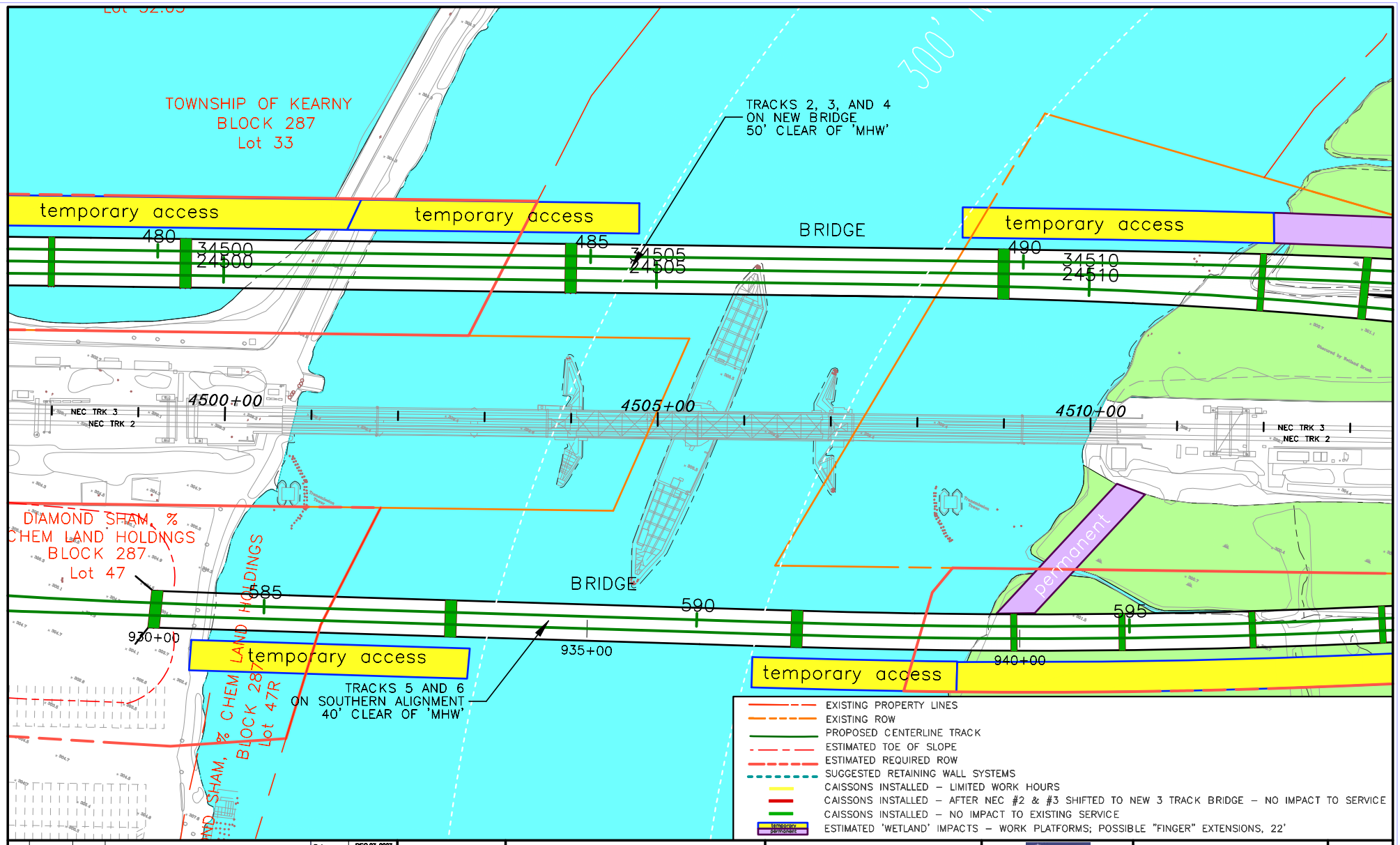
Temporary Construction
Date DEC 27, 2007
Des.
Dwn.
Chkd.
Apprvd.
Scale 1" : 100'
No. Date Chkd. Revision Notes
NJ TRANSIT
AMTRAK
PORTAL BRIDGE
CAPACITY ENHANCEMENT
PREFERRED ALTERNATIVE
ALTERNATIVE 'DS'
ON
SOUTHERN ALIGNMENT
Exhibit
AUGUST 2006



No.	Date	Chkd.	Revision Notes

Date	DEC 27, 2007
Des.	
Dwn.	
Chkd.	
Apprvd.	
Scale	1" : 100'

NJ TRANSIT

AMTRAK

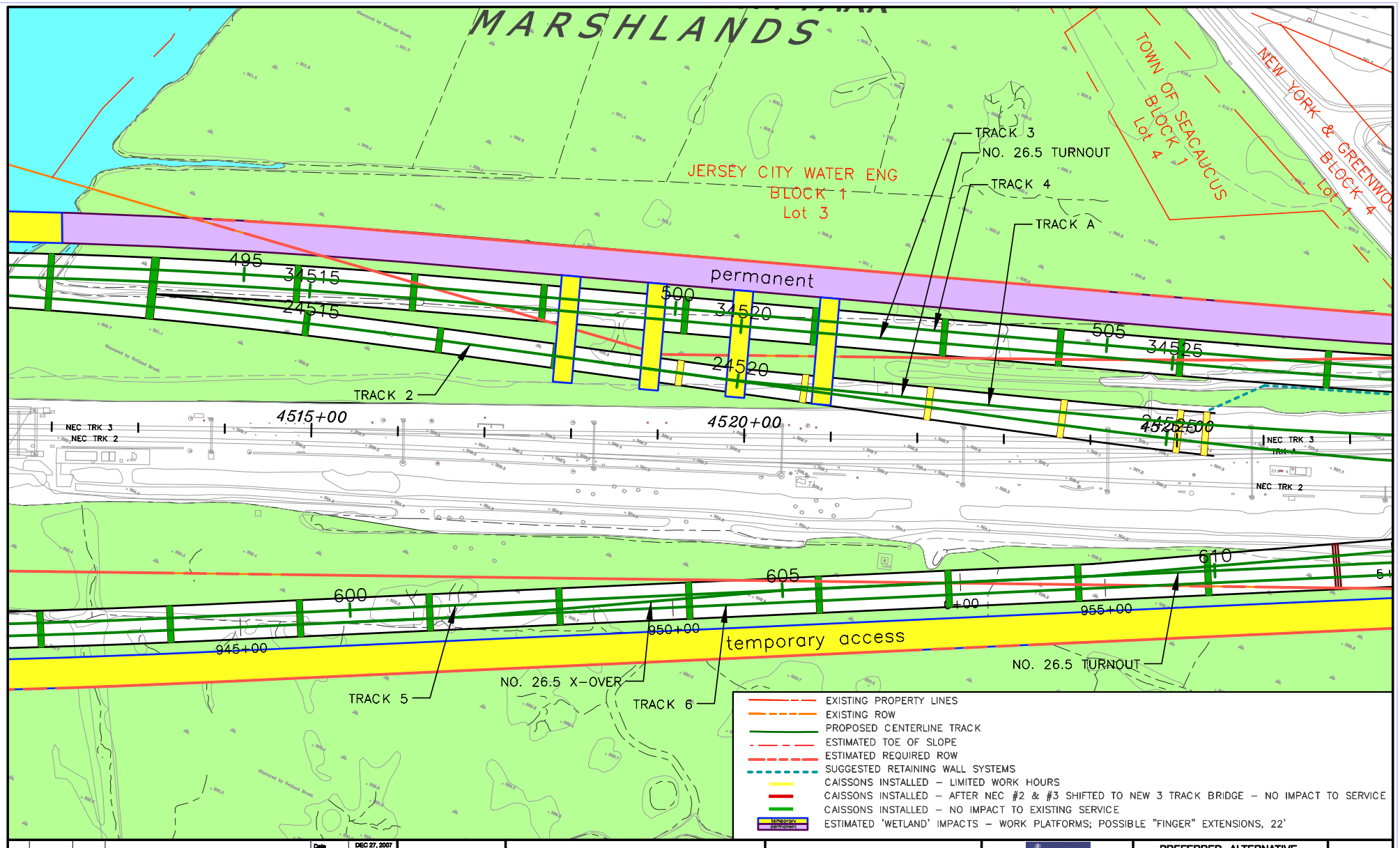
PORTAL BRIDGE
CAPACITY ENHANCEMENT

PREFERRED ALTERNATIVE

ALTERNATIVE 'DS'
ON
SOUTHERN ALIGNMENT

Exhibit

AUGUST 2008



No.	Date	Chkd.	Revision Notes

Date	DEC 27, 2007
Des.	
Dwn.	
Chkd.	
Apprvd.	
Scale	1" : 100'

NJ TRANSIT

AMTRAK

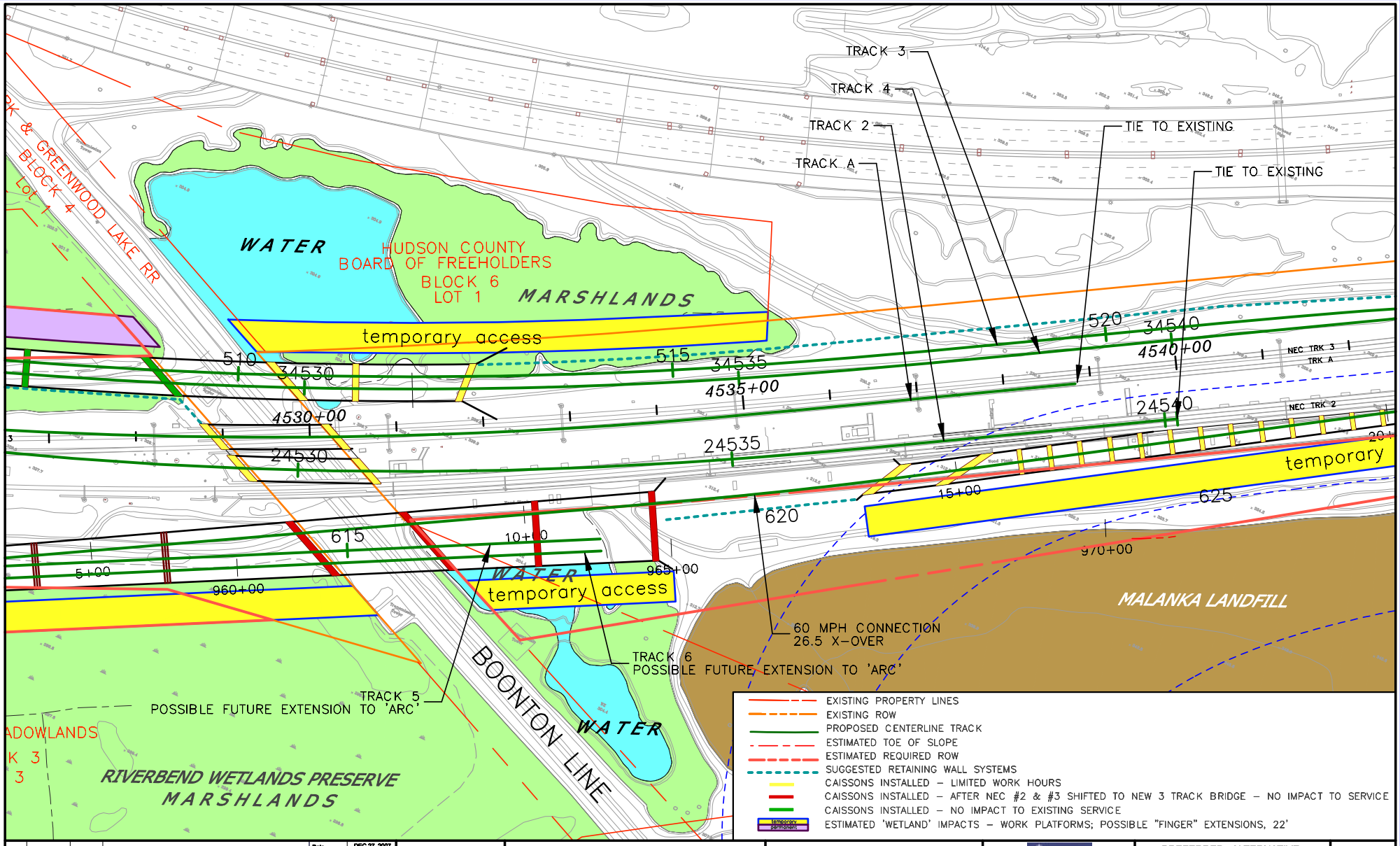
PORTAL BRIDGE
CAPACITY ENHANCEMENT

PREFERRED ALTERNATIVE

ALTERNATIVE 'DS'
ON
SOUTHERN ALIGNMENT

Exhibit

AUGUST 2008



No.	Date	Chkd.	Revision Notes

Date	DEC 27, 2007
Des.	
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Chkd.	
Apprvd.	
Scale	1" : 100'

NJ TRANSIT

AMTRAK

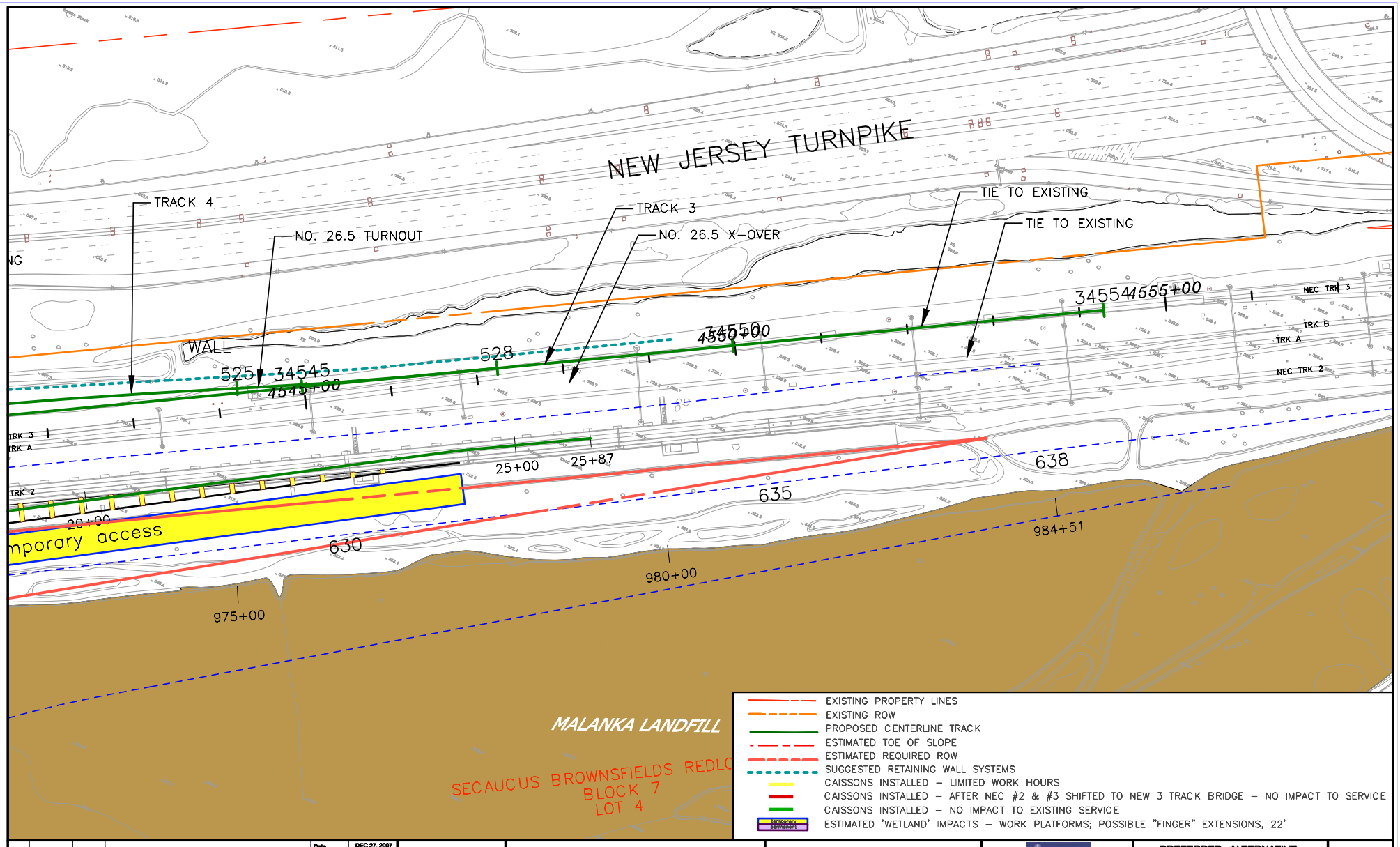
PORTAL BRIDGE
CAPACITY ENHANCEMENT

PREFERRED ALTERNATIVE

ALTERNATIVE 'DS'
ON
SOUTHERN ALIGNMENT

Exhibit

AUGUST 2008



No.	Date	Chkd.	Revision Notes

Date	DEC 27, 2007
Des.	
Dwn.	
Chkd.	
Apprvd.	
Scale	1" : 100'

NJ TRANSIT

AMTRAK

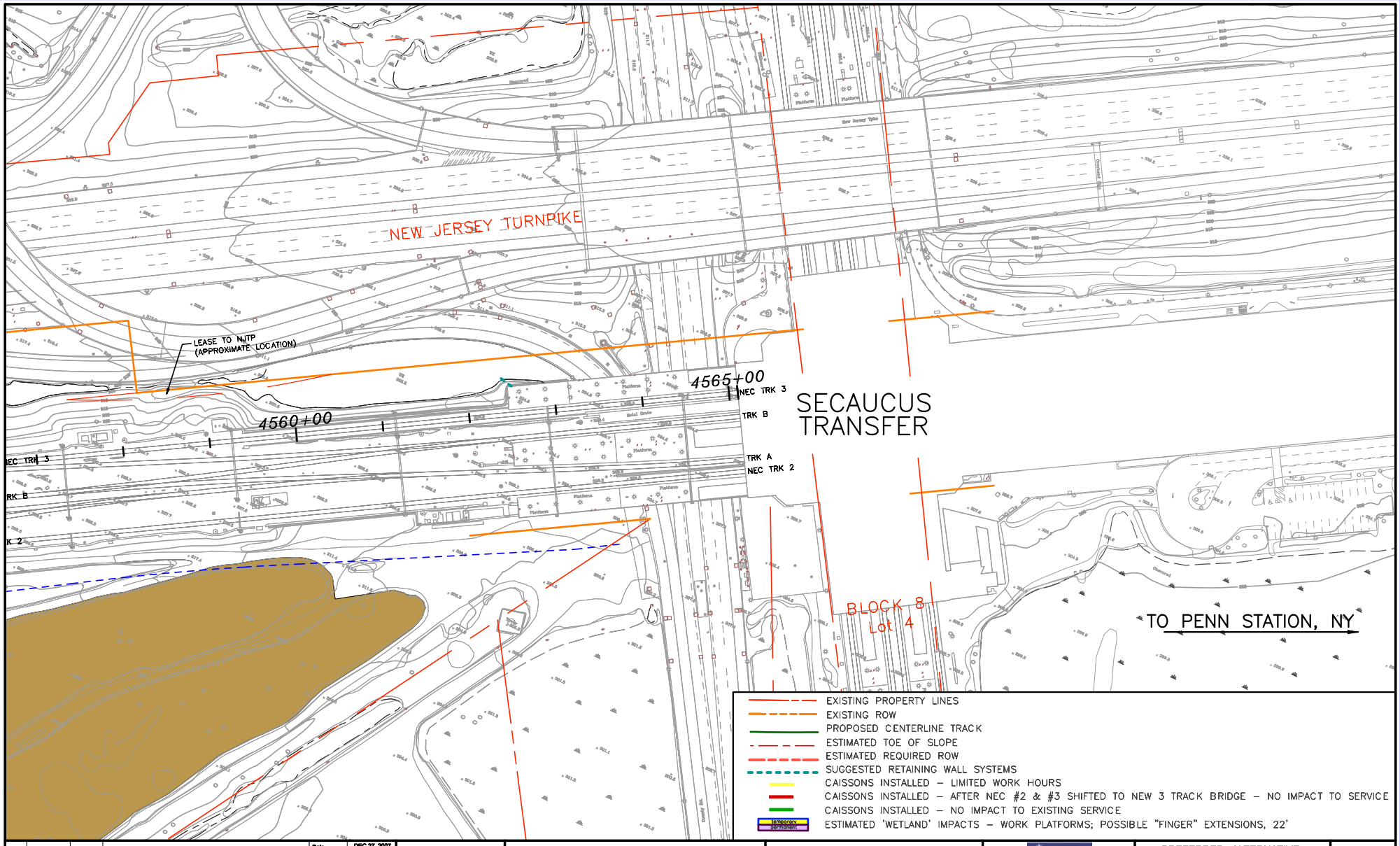
PORTAL BRIDGE
CAPACITY ENHANCEMENT

PREFERRED ALTERNATIVE

ALTERNATIVE 'DS'
ON
SOUTHERN ALIGNMENT

Exhibit

AUGUST 2008



No.	Date	Chkd.	Revision Notes

Date	DEC 27, 2007
Des.	
Dwn.	
Chkd.	
Apprvd.	
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NJ TRANSIT

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AUGUST 2008